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211851



SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019

DATA QUALITY OBJECTIVE

**DOCUMENT CONTROL NO.: START-02-F-01793
CORNELL DUBILIER ELECTRONICS
PROJECT NO.: 2523**

**SAMPLING DATE APRIL 22, 1998
SDG NOs.: A0919, A0920, A0921 A0922**

**REPORTED BY
ROY F. WESTON, INC.**

REVIEWED BY:

Zohreh Hamid

**Zohreh Hamid, Ph.D.
Senior Chemist**

6-8-98

Date



CORNELL DUBILIER ELECTRONICS
PROJECT NUMBER: 2523
DCN: START-02-F-01793
SAMPLING DATE 4-22-98

INTRODUCTION

This quality assurance review is based upon a review of all data generated from seventy soil samples, including four sets of field duplicates, and one reagent blank, collected on 04-22-98. The samples were received on 04-23-98 by American Environmental Network (AEN) Laboratory, located in Monroe, Connecticut. The samples were grouped in four different batches, and analyzed according to the criteria set forth in SW846 Method 8081, for Poly Chlorinated Biphenyl (PCB) target compounds.

The following soil samples are contained within this report:

CDAA-001 through CDAA-011
CDBB-001 through CDBB-020
CDY-001 through CDY-020
CDZ-001 through CDZ-019

One Reagent Blank (RB-3) was analyzed with SDG Number CDZ-001.

Four sets of MS/MSD samples were analyzed on samples CDAA-001, CDBB-001, CDY-001, & CDZ-001 for these samples.

All data have been validated with regard to usability according to USEPA Region II Functional Guidelines and the Quality Control criteria established in the applied Method. If you have any questions or comments on this data review, please call Zohreh Hamid at (610) 269-9989.

QUALITY ASSURANCE REVIEW

The findings offered in this report are based upon a review of the following criteria:

- Holding Times
- Calibrations
- Blanks
- Surrogate Recoveries
- Standards Recovery
- Matrix Spike/Spike Duplicate/Blank Spike Analyses
- Instrument Performance
- Field Duplicate Result
- Sample Results
- Data Completeness



Site ID: Cornell Dubilier Electronics
Sampling Events: 4-22-1998

Page 2

HOLDING TIME

All samples were extracted/analyzed within the Region II requirements.

CALIBRATIONS

A five-point calibration analysis was performed for aroclor-1016, 1254 & 1260. The RSDs were within the control limits of 20%. Also, aroclor-1254 was employed for continuing calibration analysis. The %Ds were within the control limits of less than 15% for all standards analyzed on primary and secondary columns.

BLANK ANALYSIS

The preparation blanks, reagent blank, and calibration blanks were free of target compounds.

MATRIX SPIKE/SPIKE DUPLICATE ANALYSIS

Four sets of matrix spike/spike duplicate analyses were performed. The recoveries for the spike compound (Ar-1254) in spike samples CDAA-001 & CDBB-001 were not reported, and the corresponding form III was not included in the data package. The laboratory case narrative stated that the recoveries were diluted out, and therefore, the report was not provided. The recoveries for the other two spike samples were listed in the following:

Sample ID	% Recovery	RPD
CDY-001 MSD	17	88
CDZ-001MS	-7	433
CDZ-001MSD	19	

The reported results were not qualified based on these advisory limits.

Four laboratory control samples (LCSs) were analyzed with these batches. The recoveries were within the 75-125% range.



Site ID: Cornell Dubilier Electronics
Sampling Events: 4-22-98

Page 3

SURROGATE RECOVERIES

The surrogate recoveries for TCX and DCB were within the control limits of 47-150 & 41-149 respectively with the exception of the following:

Surrogate Recovery Outliers		
Sample ID	TCX % Recovery	DCB % Recovery
CDAA-008		194D
CDBB-001	327D	
CDBB-002	884D	
CDBB-006		202D
CDBB-001MS	D	167D
CDBB-001MSD	277D	
CDBB-004		172D
CDBB-008		155D
CDBB-020		150D
CDY-003	300D	
CDY-006		1134D
CDY-007		208D
CDY-008		150D
CDY-013	256D	
CDY-017		218D
CDZ-009		364D

The reported sample data were not qualified since at least one surrogate recovery was within the control limits in the above samples.

The recoveries for both surrogate compounds were diluted out in samples: CDAA-001, CDAA-002, CDAA-003, CDAA-004, CDAA-011, CDAA-001MS/MSD, & CDY-004. The results for these samples were not qualified. Since, the samples were analyzed at relatively high dilution.

The surrogate recovery for DCB (26%) was below the lower control limit of 35% in reagent blank (RB-3) analysis. The data were not impacted, since the recovery was above 10%, and also the recovery for TCX was within the control limits.

Site ID: Cornell Dubilier Electronics
Sampling Events: 4-22-97

Page 4

DUPLICATE ANALYSIS

Four sets of field duplicate sample analyses were performed for these samples. The RPDs were listed in the following:

Sample IDs	Field Sample Result	Field Dup Results	%RPD
CDAA-001/011	5900	4200	33
CDBB-001/020	3600	3700	3
CDY001/020	590	470	23
CDZ-001/019	380	380	0.0

The RPDs demonstrated the acceptable reproducibility.

SAMPLE RESULTS

The results were reported from two different columns. The %Ds for the reported results was within the validation requirement limit of 50% with the exception of the following:

Sample ID	RPD
CDBB-007	120
CDBB-015	65
CDBB-018	135
CDY-001	64
CDY-002	65
CDY-005	60
CDY-009	504
CDY-010	53
CDY-011	71
CDY-012	62
CDY-014	60
CDY-016	67
CDY-020	57
CDZ-002	67

The reported results were contractually qualified estimated.



Cornell Dubilier Electronics
Sampling Events: 4-22-98

Page 5

Most of the samples were analyzed at higher dilution due to the high levels of aroclor-1254. The validation review of chromatograms and the quantitation reports demonstrated that the applied dilutions are appropriate. Therefore, although; the original sample results were not analyzed/reported, the data quality was considered acceptable.

STANDARD RECOVERY

All external standard recoveries and retention times in the initial and continuing calibrations were within the control limits on the primary and secondary columns.

DATA COMPLETENESS

The analysis of aroclor-1254 performed on 5-4-1998 @ 18:39 was not listed on the corresponding form VIII on the primary column analysis. The quality of data was not impacted, since the corresponding chromatogram was submitted.

SUMMARY

The cooler temperatures were within the control limits. The analysis data packages followed the CLP type data package deliverable format. The data package completeness was satisfactory. The sulfur clean up analysis performed. The results from both sets of primary and secondary analyses were listed on form X. The results from the primary analyses were reported on the form I. Overall the data quality was satisfactory, and major problems were not encountered during the sample analysis. The minor issues have been discussed. The reported data were summarized on the data summary with the applied qualifier codes.

- 1. Appendix A- Glossary of Data Qualifier**
- 2. Appendix B- Data Summary Forms**
- 3. Appendix C- Laboratory Results**
- 4. Appendix D - Support Documentation**

Appendix A

Glossary of Data Qualifier



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GLOSSARY OF DATA QUALIFIERS

CODES RELATING TO IDENTIFICATION

(confidence concerning presence or absence of compounds):

- U** = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS.
[Substantially is equivalent to a result less than 10 times the blank level for common contaminants (methylene chloride, acetone and 2- butanone in the VOA analyses, and common phthalates in the BNA analyses, along with tentatively identified compounds) or less than 5 times the blank level for other target compounds.]
- R** = UNUSABLE RESULT. THE PRESENCE OR ABSENCE OF THIS ANALYTE CANNOT BE VERIFIED. SUPPORTING DATA NECESSARY TO CONFIRM RESULT.
- N** = NEGATED COMPOUND. THERE IS PRESUMPTIVE EVIDENCE TO MAKE A TENTATIVE IDENTIFICATION.

CODES RELATING TO QUATITATION

(can be used for both positive results and sample quantitation limits):

- J** = ANALYTE WAS POSITIVELY IDENTIFIED. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE.
- UJ** = ANALYTE WAS NOT DETECTED. THE REPORTED QUATITATION LIMIT IS QUALIFIED ESTIMATED.

OTHER CODES

- Q** = NO ANALYTICAL RESULT.



Appendix B
Data Summary Forms

Polychlorinated Biphenyl (PCB) Analysis
Data summary

Site ID: Cornell - Dubilier Electronics

Laboratory Name: IEA-CT

Case No.: 2523

SDG No.: A0922

Units: ug/kg

Sampling Date: April 22, 1998

PM: Michael Mahnkopf

DCN: START-02-F-01793

Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Client ID #	CDAA-001 922A-01	CDAA - 002 922A-02	CDAA - 003 922A-03	CDAA - 004 922A-04	CDAA - 005 922A-05	CDAA - 006 922A-06	CDAA - 007 922A-07	CDAA - 008 922A-08	CDAA - 009 922A-09	
Lab ID # 980-	27	21	21	25	34	30	24	15	17	
Percent Moisture	50	50	50	50	1	1	20	20	10	
Dilution Factor										
PCB	MDL ug/kg									
Aroclor-1016	33	U	U	U	U	U	U	U	U	U
Aroclor-1221	67	U	U	U	U	U	U	U	U	U
Aroclor-1232	33	U	U	U	U	U	U	U	U	U
Aroclor-1242	33	U	U	U	U	U	U	U	U	U
Aroclor-1248	33	U	U	U	U	U	U	U	U	U
Aroclor-1254	33	5900	3900	3900	3000	50	270	2800	1500	1700
Aroclor-1260	33	U	U	U	U	U	U	4600	U	U

Remark

Matrix	Soil	Soil								
Client ID #	CDAA - 010 922A-010	CDAA - 011 922A-011								
Lab ID #										
Percent Moisture	15	24								
Dilution Factor	20	50								
PCB	MDL ug/kg									
Aroclor-1016	33	U	U							
Aroclor-1221	67	U	U							
Aroclor-1232	33	U	U							
Aroclor-1242	33	U	U							
Aroclor-1248	33	U	U							
Aroclor-1254	33	2300	4200							
Aroclor-1260	33	U	U							

Remark

Field Dup

Polychlorinated Biphenyl (PCB) Analysis
Data summary

Site ID: Cornell - Dubilier Electronics
 Laboratory Name: IEA -CT
 Case No.: 2523
 SDG No.: A0921
 Units: ug/kg

Sampling Date: April 22, 1998
 PM: Michael Mahnkopf
 DCN: START-02-F-01793

Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Client ID #	CDBB-001	CDBB - 002	CDBB - 003	CDBB - 004	CDBB - 005	CDBB - 006	CDBB - 007	CDBB - 008	CDBB - 009	
Lab ID # 980-	921A-01	921A-02	921A-03	921A-04	921A-05	921A-06	921A-07	921A-08	921A-09	
Percent Moisture	19	6	23	18	17	14	23	21	25	
Dilution Factor	20	20	10	5	5	20	10	10	10	
PCB	MDL ug/kg									
Aroclor-1016	33	U	U	U	U	U	U	U	U	U
Aroclor-1221	67	U	U	U	U	U	U	U	U	U
Aroclor-1232	33	U	U	U	U	U	U	U	U	U
Aroclor-1242	33	U	U	U	U	U	U	U	U	U
Aroclor-1248	33	U	U	U	U	U	U	U	U	U
Aroclor-1254	33	3600	1600	1700	600	920	1900	1300 J	1500	1500
Aroclor-1260	33	U	U	U	U	U	U	790	U	U

Remark

* Below the detection limits

Matrix	Soil	Soil								
Client ID #	CDBB - 010	CDBB - 011	CDBB - 012	CDBB - 013	CDBB - 014	CDBB - 015	CDBB - 016	CDBB - 017	CDBB - 018	
Lab ID #	921A-010	921A-011	921A-012	921A-013	921A-014	921A-015	921A-016	921A-017	921A-018	
Percent Moisture	22	23	25	23	26	17	21	28	21	
Dilution Factor	10	20	20	10	10	2	5	10	5	
PCB	MDL ug/kg									
Aroclor-1016	33	U	U	U	U	U	U	U	U	U
Aroclor-1221	67	U	U	U	U	U	U	U	U	U
Aroclor-1232	33	U	U	U	U	U	U	U	U	U
Aroclor-1242	33	U	U	U	U	U	U	U	U	U
Aroclor-1248	33	U	U	U	U	U	U	U	U	U
Aroclor-1254	33	1500	2000	2200	990	1200	280 J	630	1300	680 J
Aroclor-1260	33	U	U	U	U	U	U	U	U	U

Remark

Polychlorinated Biphenyl (PCB) Analysis
Data summary

Site ID: Cornell - Dubilier Electronics
Laboratory Name: IEA -CT
Case No.: 2523
SDG No.: A0921
Units: ug/kg

Sampling Date: April 22, 1998
PM: Michael Mahnkopf
DCN: START-02-F-01793

Matrix	Soil	Soil									
Client ID #	CDBB - 019	CDBB - 020									
Lab ID #	921A-019	921A-020									
Percent Moisture	26	24									
Dilution Factor	5	20									
PCB	MDL ug/kg										
Aroclor-1016	33	U	U								
Aroclor-1221	67	U	U								
Aroclor-1232	33	U	U								
Aroclor-1242	33	U	U								
Aroclor-1248	33	U	U								
Aroclor-1254	33	480	3700								
Aroclor-1260	33	U	U								

Remark

Field Dup

Polychlorinated Biphenyl (PCB) Analysis
Data summary

Site ID: Cornell - Dubilier Electronics
 Laboratory Name: IEA -CT
 Case No.: 2523
 SDG No.: A0920
 Units: ug/kg

Sampling Date: April 22, 1998
 PM: Michael Mahnkopf
 DCN: START-02-F-01793

Matrix	Soil	Soil								
Client ID #	CDY-001	CDY - 002	CDY - 003	CDY - 004	CDY - 005	CDY - 006	CDY - 007	CDY - 008	CDY - 009	
Lab ID # 980-	920A-01	920A-02	920A-03	920A-04	920A-05	920A-06	920A-07	920A-08	920A-09	
Percent Moisture	19	18	23	23	19	26	18	20	20	
Dilution Factor	5	10	20	50	5	2	5	10	5	
PCB	MDL ug/kg									
Aroclor-1016	33	U	U	U	U	U	U	U	U	U
Aroclor-1221	67	U	U	U	U	U	U	U	U	U
Aroclor-1232	33	U	U	U	U	U	U	U	U	U
Aroclor-1242	33	U	U	U	U	U	U	U	U	U
Aroclor-1248	33	U	U	U	U	U	U	U	U	U
Aroclor-1254	33	590 J	940 J	1600	6900	720 J	350	610	550	530 J
Aroclor-1260	33	U	U	U	U	U	U	U	U	U

Remark

* Below the detection limits

Matrix	Soil	Soil								
Client ID #	CDY - 010	CDY - 011	CDY - 012	CDY - 013	CDY - 014	CDY - 015	CDY - 016	CDY - 017	CDY - 018	
Lab ID #	920A-010	920A-011	920A-012	920A-013	920A-014	920A-015	920A-016	920A-017	920A-018	
Percent Moisture	17	26	22	22	26	21	23	28	16	
Dilution Factor	2	1	2	10	5	2	1	5	2	
PCB	MDL ug/kg									
Aroclor-1016	33	U	U	U	U	U	U	U	U	U
Aroclor-1221	67	U	U	U	U	U	U	U	U	U
Aroclor-1232	33	U	U	U	U	U	U	U	U	U
Aroclor-1242	33	U	U	U	U	U	U	U	U	U
Aroclor-1248	33	U	U	U	U	U	U	U	U	U
Aroclor-1254	33	290 J	120 J	210 J	1100	560 J	290	110 J	540	180
Aroclor-1260	33	U	U	U	U	U	U	U	U	U

Remark

Polychlorinated Biphenyl (PCB) Analysis
Data summary

Site ID: Cornell - Dubilier Electronics
Laboratory Name: IEA -CT
Case No.: 2523
SDG No.: A0920
Units: ug/kg

Sampling Date: April 22, 1998
PM: Michael Mahnkopf.
DCN: START-02-F-01793

Matrix	Soil	Soil									
Client ID #	CDY - 019	CDY - 020									
Lab ID #	920A-019	920A-020									
Percent Moisture	20	16									
Dilution Factor	2	2									
PCB	MDL ug/kg										
Aroclor-1016	33	U	U								
Aroclor-1221	67	U	U								
Aroclor-1232	33	U	U								
Aroclor-1242	33	U	U								
Aroclor-1248	33	U	U								
Aroclor-1254	33	120	470 J								
Aroclor-1260	33	U	U								

Remark

Field Dup

Polychlorinated Biphenyl (PCB) Analysis
Data summary

Site ID: Cornell - Dubilier Electronics
 Laboratory Name: IEA -CT
 Case No.: 2523
 SDG No.: A0919
 Units: ug/kg

Sampling Date: April 22, 1998
 PM: Michael Mahnkopf
 DCN: START-02-F-01793

Matrix	Soil	Soil								
Client ID #	CDZ-001	CDZ - 002	CDZ - 003	CDZ - 004	CDZ - 005	CDZ - 006	CDZ - 007	CDZ - 008	CDZ - 009	
Lab ID # 980-	919A-01	919A-02	919A-03	919A-04	919A-05	919A-06	919A-07	919A-08	919A-09	
Percent Moisture	23	26	16	17	21	26	23	21	25	
Dilution Factor	5	2	2	2	5	2	2	5	2	
PCB	MDL ug/kg									
Aroclor-1016	33	U	U	U	U	U	U	U	U	U
Aroclor-1221	67	U	U	U	U	U	U	U	U	U
Aroclor-1232	33	U	U	U	U	U	U	U	U	U
Aroclor-1242	33	U	U	U	U	U	U	U	U	U
Aroclor-1248	33	U	U	U	U	U	U	U	U	U
Aroclor-1254	33	380	300	270	230	200	390	250	550	220
Aroclor-1260	33	U	U	U	U	U	U	U	U	U

Remark

* Below the detection limits

Matrix	Soil	Soil								
Client ID #	CDZ - 010	CDZ - 011	CDZ - 012	CDZ - 013	CDZ - 014	CDZ - 015	CDZ - 016	CDZ - 017	CDZ - 018	
Lab ID #	919A-010	919A-011	919A-012	919A-013	919A-014	919A-015	919A-016	919A-017	919A-018	
Percent Moisture	21	20	25	16	23	13	22	22	22	
Dilution Factor	5	2	2	2	5	5	5	5	2	
PCB	MDL ug/kg									
Aroclor-1016	33	U	U	U	U	U	U	U	U	U
Aroclor-1221	67	U	U	U	U	U	U	U	U	U
Aroclor-1232	33	U	U	U	U	U	U	U	U	U
Aroclor-1242	33	U	U	U	U	U	U	U	U	U
Aroclor-1248	33	U	U	U	U	U	U	U	U	U
Aroclor-1254	33	580	200	180	160	360	410	300	420	230
Aroclor-1260	33	U	U	U	U	U	U	U	U	U

Remark

**Polychlorinated Biphenyl (PCB) Analysis
Data summary**

Site ID: Cornell - Dubilier Electronics
Laboratory Name: IEA -CT
Case No.: 2523
SDG No.: A0919
Units: ug/kg

Sampling Date: April 22, 1998
PM: Michael Mahnkopf
DCN: START-02-F-01793

Matrix	Soil											
Client ID #	CDZ - 019											
Lab ID #	919A-019											
Percent Moisture	22											
Dilution Factor	5											
PCB	MDL ug/kg											
Aroclor-1016	33	U										
Aroclor-1221	67	U										
Aroclor-1232	33	U										
Aroclor-1242	33	U										
Aroclor-1248	33	U										
Aroclor-1254	33	380										
Aroclor-1260	33	U										

Remark

Field Dup

Polychlorinated Biphenyl (PCB) Analysis
Data summary

Site ID: Cornell - Dubilier Electronics

Laboratory Name: IEA CT

Case No.: 2523

SDG No.: A0919

Units: ug/l

Sampling Date: April 22, 1998

PM: Michael Mahnkopf

DCN: START-02-F-01793

Matrix	Water	RB-3	919A-20								
Client ID #											
Lab ID # 980-											
Percent Moisture											
Dilution Factor		1									
PCB	MDL ug/L										
Aroclor-1016	1.0	U									
Aroclor-1221	2.0	U									
Aroclor-1232	1.0	U									
Aroclor-1242	1.0	U									
Aroclor-1248	1.0	U									
Aroclor-1254	1.0	U									
Aroclor-1260	1.0	U									

Remark

Reagent Blk.

Appendix C
Laboratory Reported Result

0009

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>IEA-CT</u>	Contract: _____	Client ID: <u>CDAA-001</u>
Lab Code: <u>IEACT</u>	Case No.: <u>0922A</u>	SDG No.: <u>A0922</u>
Matrix: (soil/water) : <u>SOIL</u>	Lab Sample ID: <u>980922A-01</u>	
Sample wt/vol: <u>30</u> (g/ml) <u>G</u>	Lab File ID: <u>A4524063</u>	
% Moisture: <u>27</u>	decanted: (Y/N) <u> </u>	Date Received : <u>04/23/98</u>
Extraction: (SepF/Cont/Sonc)	<u>SONC</u>	Date Extracted: <u>04/24/98</u>
Concentrated Extract Volume: <u>10000</u> (uL)	Date Analyzed : <u>04/30/98</u>	
Injection Volume: <u>1.0</u> (uL)	Dilution Factor: <u>50.0</u>	
GPC Cleanup: (Y/N) <u>N</u>	pH: <u>6.9</u>	Sulfur Cleanup: (Y/N) <u>Y</u>

CAS NO.	COMPOUND	CONCENTRATION UNITS: Q (ug/L or ug/Kg) UG/KG
---------	----------	---

12674-11-2	Aroclor-1016	2300	U
11104-28-2	Aroclor-1221	4600	U
11141-16-5	Aroclor-1232	2300	U
53469-21-9	Aroclor-1242	2300	U
12672-29-6	Aroclor-1248	2300	U
11097-69-1	Aroclor-1254	5900	
11096-82-5	Aroclor-1260	2300	U

0016

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: IEA-CT Contract: _____ Client ID: CDAA-002

Lab Code: IEACT Case No.: 0922A SDG No.: A0922

Matrix: (soil/water) :SOIL Lab Sample ID: 980922A-02

Sample wt/vol: 30 (g/ml) G Lab File ID: A4524064

% Moisture: 21 decanted: (Y/N) _____ Date Received : 04/23/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/24/98

Concentrated Extract Volume: 10000 (uL) Date Analyzed : 04/30/98

Injection Volume: 1.0 (uL) Dilution Factor: 50.0

GPC Cleanup: (Y/N) N pH: 7.1 Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS:	Q
		(ug/L or ug/Kg)	<u>UG/KG</u>

12674-11-2	Aroclor-1016	2100	U
11104-28-2	Aroclor-1221	4200	U
11141-16-5	Aroclor-1232	2100	U
53469-21-9	Aroclor-1242	2100	U
12672-29-6	Aroclor-1248	2100	U
11097-69-1	Aroclor-1254	3900	
11096-82-5	Aroclor-1260	2100	U

0023

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>IEA-CT</u>	Contract: _____	Client ID: <u>CDAA-003</u>
Lab Code: <u>IEACT</u>	Case No.: <u>0922A</u>	SDG No.: <u>A0922</u>
Matrix: (soil/water) : <u>SOIL</u>	Lab Sample ID: <u>980922A-03</u>	
Sample wt/vol: <u>30</u> (g/ml) <u>G</u>	Lab File ID: <u>A4524065</u>	
% Moisture: <u>21</u> decanted: (Y/N) _____	Date Received : <u>04/23/98</u>	
Extraction: (SepF/Cont/Sonc) <u>SONC</u>	Date Extracted: <u>04/24/98</u>	
Concentrated Extract Volume: <u>10000</u> (uL)	Date Analyzed : <u>04/30/98</u>	
Injection Volume: <u>1.0</u> (uL)	Dilution Factor: <u>50.0</u>	
GPC Cleanup: (Y/N) <u>N</u> pH: <u>7.7</u>	Sulfur Cleanup: (Y/N) <u>Y</u>	

CAS NO.	COMPOUND	CONCENTRATION UNITS: Q (ug/L or ug/Kg) UG/KG
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<u>12674-11-2</u>	<u>Aroclor-1016</u>	<u>2100</u>	<u>U</u>
<u>11104-28-2</u>	<u>Aroclor-1221</u>	<u>4200</u>	<u>U</u>
<u>11141-16-5</u>	<u>Aroclor-1232</u>	<u>2100</u>	<u>U</u>
<u>53469-21-9</u>	<u>Aroclor-1242</u>	<u>2100</u>	<u>U</u>
<u>12672-29-6</u>	<u>Aroclor-1248</u>	<u>2100</u>	<u>U</u>
<u>11097-69-1</u>	<u>Aroclor-1254</u>	<u>3900</u>	
<u>11096-82-5</u>	<u>Aroclor-1260</u>	<u>2100</u>	<u>U</u>

0030

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>IEA-CT</u>	Contract: _____	Client ID: <u>CDAA-004</u>
Lab Code: <u>IEACT</u>	Case No.: <u>0922A</u>	SDG No.: <u>A0922</u>
Matrix: (soil/water) : <u>SOIL</u>	Lab Sample ID: <u>980922A-04</u>	
Sample wt/vol: <u>30</u> (g/ml) <u>G</u>	Lab File ID: <u>A4524066</u>	
% Moisture: <u>25</u> decanted: (Y/N) <u> </u>	Date Received : <u>04/23/98</u>	
Extraction: (SepF/Cont/Sonc) <u>SONC</u>	Date Extracted: <u>04/24/98</u>	
Concentrated Extract Volume: <u>10000</u> (uL)	Date Analyzed : <u>04/30/98</u>	
Injection Volume: <u>1.0</u> (uL)	Dilution Factor: <u>50.0</u>	
GPC Cleanup: (Y/N) <u>N</u> pH: <u>7.7</u>	Sulfur Cleanup: (Y/N) <u>Y</u>	

CAS NO.	COMPOUND	CONCENTRATION UNITS: Q (ug/L or ug/Kg) UG/KG
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<u>12674-11-2</u>	<u>Aroclor-1016</u>	<u>2200</u>	<u>U</u>
<u>11104-28-2</u>	<u>Aroclor-1221</u>	<u>4500</u>	<u>U</u>
<u>11141-16-5</u>	<u>Aroclor-1232</u>	<u>2200</u>	<u>U</u>
<u>53469-21-9</u>	<u>Aroclor-1242</u>	<u>2200</u>	<u>U</u>
<u>12672-29-6</u>	<u>Aroclor-1248</u>	<u>2200</u>	<u>U</u>
<u>11097-69-1</u>	<u>Aroclor-1254</u>	<u>3000</u>	
<u>11096-82-5</u>	<u>Aroclor-1260</u>	<u>2200</u>	<u>U</u>

0037

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: IEA-CT Contract: _____ Client ID: CDAA-005

Lab Code: IEACT Case No.: 0922A SDG No.: A0922

Matrix: (soil/water) : SOIL Lab Sample ID: 980922A-05

Sample wt/vol: 30 (g/ml) G Lab File ID: A4524051

% Moisture: 34 decanted: (Y/N) _____ Date Received : 04/23/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/24/98

Concentrated Extract Volume: 10000 (uL) Date Analyzed : 04/30/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.5 Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS:	Q
		(ug/L or ug/Kg)	UG/KG

<u>12674-11-2</u>	<u>Aroclor-1016</u>	<u>50.</u>	<u>U</u>
<u>11104-28-2</u>	<u>Aroclor-1221</u>	<u>100</u>	<u>U</u>
<u>11141-16-5</u>	<u>Aroclor-1232</u>	<u>50.</u>	<u>U</u>
<u>53469-21-9</u>	<u>Aroclor-1242</u>	<u>50.</u>	<u>U</u>
<u>12672-29-6</u>	<u>Aroclor-1248</u>	<u>50.</u>	<u>U</u>
<u>11097-69-1</u>	<u>Aroclor-1254</u>	<u>50.</u>	
<u>11096-82-5</u>	<u>Aroclor-1260</u>	<u>50.</u>	<u>U</u>

0046

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: IEA-CT Contract: _____ Client ID: CDAA-006

Lab Code: IEACT Case No.: 0922A SDG No.: A0922

Matrix: (soil/water) :SOIL Lab Sample ID: 980922A-06

Sample wt/vol: 30 (g/ml) G Lab File ID: A4524052

% Moisture: 30 decanted: (Y/N) _____ Date Received : 04/23/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/24/98

Concentrated Extract Volume:10000 (uL) Date Analyzed : 04/30/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH:7.6 Sulfur Cleanup: (Y/N)Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: Q (ug/L or ug/Kg) UG/KG
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12674-11-2	Aroclor-1016	47.	U
11104-28-2	Aroclor-1221	96.	U
11141-16-5	Aroclor-1232	47.	U
53469-21-9	Aroclor-1242	47.	U
12672-29-6	Aroclor-1248	47.	U
11097-69-1	Aroclor-1254	270	
11096-82-5	Aroclor-1260	47.	U

0055

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: IEA-CT Contract: _____ Client ID: CDAA-007

Lab Code: IEACT Case No.: 0922A SDG No.: A0922

Matrix: (soil/water) :SOIL Lab Sample ID: 980922A-07

Sample wt/vol: 30 (g/ml) G Lab File ID: A4524067

% Moisture: 24 decanted: (Y/N) _____ Date Received : 04/23/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/24/98

Concentrated Extract Volume:10000 (ul) Date Analyzed : 04/30/98

Injection Volume: 1.0 (uL) Dilution Factor: 20.0

GPC Cleanup: (Y/N) N pH:7.7 Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS:	Q
		(ug/L or ug/Kg)	UG/KG
12674-11-2	Aroclor-1016	870	U
11104-28-2	Aroclor-1221	1800	U
11141-16-5	Aroclor-1232	870	U
53469-21-9	Aroclor-1242	870	U
12672-29-6	Aroclor-1248	870	U
11097-69-1	Aroclor-1254	2800	
11096-82-5	Aroclor-1260	4600	

0062

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>IEA-CT</u>	Contract: _____	Client ID: <u>CDAA-008</u>
Lab Code: <u>IEACT</u>	Case No.: <u>0922A</u>	SDG No.: <u>A0922</u>
Matrix: (soil/water) : <u>SOIL</u>	Lab Sample ID: <u>980922A-08</u>	
Sample wt/vol: <u>30</u> (g/ml) <u>G</u>	Lab File ID: <u>A4524068</u>	
% Moisture: <u>15</u>	decanted: (Y/N) <u> </u>	Date Received : <u>04/23/98</u>
Extraction: (SepF/Cont/Sonc)	<u>SONC</u>	Date Extracted: <u>04/24/98</u>
Concentrated Extract Volume:	<u>10000</u> (uL)	Date Analyzed : <u>04/30/98</u>
Injection Volume:	<u>1.0</u> (uL)	Dilution Factor: <u>20.0</u>
GPC Cleanup: (Y/N) <u>N</u>	pH: <u>7.7</u>	Sulfur Cleanup: (Y/N) <u>Y</u>

CAS NO.	COMPOUND	CONCENTRATION UNITS: Q (ug/L or ug/Kg) UG/KG
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<u>12674-11-2</u>	<u>Aroclor-1016</u>	<u>780</u>	<u>U</u>
<u>11104-28-2</u>	<u>Aroclor-1221</u>	<u>1600</u>	<u>U</u>
<u>11141-16-5</u>	<u>Aroclor-1232</u>	<u>780</u>	<u>U</u>
<u>53469-21-9</u>	<u>Aroclor-1242</u>	<u>780</u>	<u>U</u>
<u>12672-29-6</u>	<u>Aroclor-1248</u>	<u>780</u>	<u>U</u>
<u>11097-69-1</u>	<u>Aroclor-1254</u>	<u>1500</u>	
<u>11096-82-5</u>	<u>Aroclor-1260</u>	<u>780</u>	<u>U</u>

0069

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>IEA-CT</u>	Contract: _____	Client ID: CDAA-009
Lab Code: <u>IEACT</u>	Case No.: <u>0922A</u>	SDG No.: <u>A0922</u>
Matrix: (soil/water) : <u>SOIL</u>	Lab Sample ID: <u>980922A-09</u>	
Sample wt/vol: <u>30</u> (g/ml) <u>G</u>	Lab File ID: <u>A4524069</u>	
% Moisture: <u>17</u>	decanted: (Y/N) <u> </u>	Date Received : <u>04/23/98</u>
Extraction: (SepF/Cont/Sonc)	<u>SONC</u>	Date Extracted: <u>04/24/98</u>
Concentrated Extract Volume:	<u>10000</u> (uL)	Date Analyzed : <u>04/30/98</u>
Injection Volume:	<u>1.0</u> (uL)	Dilution Factor: <u>10.0</u>
GPC Cleanup: (Y/N) <u>N</u>	pH: <u>7.5</u>	Sulfur Cleanup: (Y/N) <u>Y</u>

CAS NO.	COMPOUND	CONCENTRATION UNITS: Q (ug/L or ug/Kg) UG/KG
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12674-11-2	Aroclor-1016	400	U
11104-28-2	Aroclor-1221	810	U
11141-16-5	Aroclor-1232	400	U
53469-21-9	Aroclor-1242	400	U
12672-29-6	Aroclor-1248	400	U
11097-69-1	Aroclor-1254	1700	
11096-82-5	Aroclor-1260	400	U

0076

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>IEA-CT</u>	Contract: _____	Client ID: <u>CDAA-010</u>
Lab Code: <u>IEACT</u>	Case No.: <u>0922A</u>	SDG No.: <u>A0922</u>
Matrix: (soil/water) : <u>SOIL</u>	Lab Sample ID: <u>980922A-10</u>	
Sample wt/vol: <u>30</u> (g/ml) <u>G</u>	Lab File ID: <u>A4524070</u>	
% Moisture: <u>15</u> decanted: (Y/N) _____	Date Received : <u>04/23/98</u>	
Extraction: (SepF/Cont/Sonc) <u>SONC</u>	Date Extracted: <u>04/24/98</u>	
Concentrated Extract Volume: <u>10000</u> (uL)	Date Analyzed : <u>04/30/98</u>	
Injection Volume: <u>1.0</u> (uL)	Dilution Factor: <u>20.0</u>	
GPC Cleanup: (Y/N) <u>N</u> pH: <u>6.9</u>	Sulfur Cleanup: (Y/N) <u>Y</u>	

CAS NO.	COMPOUND	CONCENTRATION UNITS: Q (ug/L or ug/Kg) UG/KG	
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<u>12674-11-2</u>	<u>Aroclor-1016</u>	<u>780</u>	<u>U</u>
<u>11104-28-2</u>	<u>Aroclor-1221</u>	<u>1600</u>	<u>U</u>
<u>11141-16-5</u>	<u>Aroclor-1232</u>	<u>780</u>	<u>U</u>
<u>53469-21-9</u>	<u>Aroclor-1242</u>	<u>780</u>	<u>U</u>
<u>12672-29-6</u>	<u>Aroclor-1248</u>	<u>780</u>	<u>U</u>
<u>11097-69-1</u>	<u>Aroclor-1254</u>	<u>2300</u>	
<u>11096-82-5</u>	<u>Aroclor-1260</u>	<u>780</u>	<u>U</u>

0083

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: IEA-CT Contract: _____ Client ID: CDAA-011

Lab Code: IEACT Case No.: 0922A SDG No.: A0922

Matrix: (soil/water) :SOIL

Lab Sample ID: 980922A-11

Sample wt/vol: 30 (g/ml) G

Lab File ID: A4524071

% Moisture: 24 decanted: (Y/N)

Date Received : 04/23/98

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 04/24/98

Concentrated Extract Volume:10000 (uL)

Date Analyzed : 05/01/98

Injection Volume: 1.0 (uL)

Dilution Factor: 50.0

GPC Cleanup: (Y/N) N pH:7.2

Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS:	Q
		(ug/L or ug/Kg)	<u>UG/KG</u>

<u>12674-11-2</u>	<u>Aroclor-1016</u>	<u>2200</u>	<u>U</u>
<u>11104-28-2</u>	<u>Aroclor-1221</u>	<u>4400</u>	<u>U</u>
<u>11141-16-5</u>	<u>Aroclor-1232</u>	<u>2200</u>	<u>U</u>
<u>53469-21-9</u>	<u>Aroclor-1242</u>	<u>2200</u>	<u>U</u>
<u>12672-29-6</u>	<u>Aroclor-1248</u>	<u>2200</u>	<u>U</u>
<u>11097-69-1</u>	<u>Aroclor-1254</u>	<u>4200</u>	
<u>11096-82-5</u>	<u>Aroclor-1260</u>	<u>2200</u>	<u>U</u>

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>IEA-CT</u>	Contract: _____	Client ID: <u>CDBB-001</u>
Lab Code: <u>IEACT</u>	Case No.: <u>0921A</u>	SDG No.: <u>A0921</u>
Matrix: (soil/water) : <u>SOIL</u>	Lab Sample ID: <u>980921A-01</u>	
Sample wt/vol: <u>30</u> (g/ml) <u>G</u>	Lab File ID: <u>A4524164</u>	
% Moisture: <u>19</u> decanted: (Y/N) _____	Date Received : <u>04/23/98</u>	
Extraction: (SepF/Cont/Sonc) <u>SONC</u>	Date Extracted: <u>04/28/98</u>	
Concentrated Extract Volume: <u>10000</u> (uL)	Date Analyzed : <u>05/06/98</u>	
Injection Volume: <u>1.0</u> (uL)	Dilution Factor: <u>20.0</u>	
GPC Cleanup: (Y/N) <u>N</u> pH: <u>9.6</u>	Sulfur Cleanup: (Y/N) <u>Y</u>	

CAS NO.	COMPOUND	CONCENTRATION UNITS: Q (ug/L or ug/Kg) UG/KG
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<u>12674-11-2</u>	<u>Aroclor-1016</u>	<u>810</u>	<u>U</u>
<u>11104-28-2</u>	<u>Aroclor-1221</u>	<u>1600</u>	<u>U</u>
<u>11141-16-5</u>	<u>Aroclor-1232</u>	<u>810</u>	<u>U</u>
<u>53469-21-9</u>	<u>Aroclor-1242</u>	<u>810</u>	<u>U</u>
<u>12672-29-6</u>	<u>Aroclor-1248</u>	<u>810</u>	<u>U</u>
<u>11097-69-1</u>	<u>Aroclor-1254</u>	<u>3600</u>	
<u>11096-82-5</u>	<u>Aroclor-1260</u>	<u>810</u>	<u>U</u>

0017

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>IEA-CT</u>	Contract: _____	Client ID: <u>CDBB-002</u>
Lab Code: <u>IEACT</u>	Case No.: <u>0921A</u>	SDG No.: <u>A0921</u>
Matrix: (soil/water) : <u>SOIL</u>	Lab Sample ID: <u>980921A-02</u>	
Sample wt/vol: <u>30</u> (g/ml) <u>G</u>	Lab File ID: <u>A4524165</u>	
% Moisture: <u>6</u> decanted: (Y/N) <u> </u>	Date Received : <u>04/23/98</u>	
Extraction: (SepF/Cont/Sonc) <u>SONC</u>	Date Extracted: <u>04/28/98</u>	
Concentrated Extract Volume: <u>10000</u> (uL)	Date Analyzed : <u>05/06/98</u>	
Injection Volume: <u>1.0</u> (uL)	Dilution Factor: <u>20.0</u>	
GPC Cleanup: (Y/N) <u>N</u> pH: <u>6.5</u>	Sulfur Cleanup: (Y/N) <u>Y</u>	

CAS NO.	COMPOUND	CONCENTRATION UNITS: Q	
		(ug/L or ug/Kg) UG/KG	

<u>12674-11-2</u>	<u>Aroclor-1016</u>	<u>700</u>	<u>U</u>
<u>11104-28-2</u>	<u>Aroclor-1221</u>	<u>1400</u>	<u>U</u>
<u>11141-16-5</u>	<u>Aroclor-1232</u>	<u>700</u>	<u>U</u>
<u>53469-21-9</u>	<u>Aroclor-1242</u>	<u>700</u>	<u>U</u>
<u>12672-29-6</u>	<u>Aroclor-1248</u>	<u>700</u>	<u>U</u>
<u>11097-69-1</u>	<u>Aroclor-1254</u>	<u>1600</u>	
<u>11096-82-5</u>	<u>Aroclor-1260</u>	<u>700</u>	<u>U</u>

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: IEA-CT Contract: _____ Client ID: CDBB-003
 Lab Code: IEACT Case No.: 0921A SDG No.: A0921
 Matrix: (soil/water) : SOIL Lab Sample ID: 980921A-03
 Sample wt/vol: 30 (g/ml) G Lab File ID: A4524189
 % Moisture: 23 decanted: (Y/N) _____ Date Received : 04/23/98
 Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/28/98
 Concentrated Extract Volume: 10000 (uL) Date Analyzed : 05/07/98
 Injection Volume: 1.0 (uL) Dilution Factor: 10.0
 GPC Cleanup: (Y/N) N pH: 6.1 Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS:	Q
		(ug/L or ug/Kg)	UG/KG

12674-11-2	Aroclor-1016	430	U
11104-28-2	Aroclor-1221	870	U
11141-16-5	Aroclor-1232	430	U
53469-21-9	Aroclor-1242	430	U
12672-29-6	Aroclor-1248	430	U
11097-69-1	Aroclor-1254	1700	
11096-82-5	Aroclor-1260	430	U

0032

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>IEA-CT</u>	Contract: _____	Client ID: <u>CDBB-004</u>
Lab Code: <u>IEACT</u>	Case No.: <u>0921A</u>	SDG No.: <u>A0921</u>
Matrix: (soil/water) : <u>SOIL</u>	Lab Sample ID: <u>980921A-04</u>	
Sample wt/vol: <u>30</u> (g/ml) <u>G</u>	Lab File ID: <u>A4524190</u>	
% Moisture: <u>18</u> decanted: (Y/N) _____	Date Received : <u>04/23/98</u>	
Extraction: (SepF/Cont/Sonc) <u>SONC</u>	Date Extracted: <u>04/28/98</u>	
Concentrated Extract Volume: <u>10000</u> (uL)	Date Analyzed : <u>05/07/98</u>	
Injection Volume: <u>1.0</u> (uL)	Dilution Factor: <u>5.0</u>	
GPC Cleanup: (Y/N) <u>N</u> pH: <u>5.9</u>	Sulfur Cleanup: (Y/N) <u>Y</u>	

CAS NO.	COMPOUND	CONCENTRATION UNITS: Q (ug/L or ug/Kg) UG/KG	
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<u>12674-11-2</u>	<u>Aroclor-1016</u>	<u>200</u>	<u>U</u>
<u>11104-28-2</u>	<u>Aroclor-1221</u>	<u>410</u>	<u>U</u>
<u>11141-16-5</u>	<u>Aroclor-1232</u>	<u>200</u>	<u>U</u>
<u>53469-21-9</u>	<u>Aroclor-1242</u>	<u>200</u>	<u>U</u>
<u>12672-29-6</u>	<u>Aroclor-1248</u>	<u>200</u>	<u>U</u>
<u>11097-69-1</u>	<u>Aroclor-1254</u>	<u>600</u>	
<u>11096-82-5</u>	<u>Aroclor-1260</u>	<u>200</u>	<u>U</u>

0040

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>IEA-CT</u>	Contract: _____	Client ID: <u>CDBB-005</u>
Lab Code: <u>IEACT</u>	Case No.: <u>0921A</u>	SDG No.: <u>A0921</u>
Matrix: (soil/water) : <u>SOIL</u>	Lab Sample ID: <u>980921A-05</u>	
Sample wt/vol: <u>30</u> (g/ml) <u>G</u>	Lab File ID: <u>A4524191</u>	
% Moisture: <u>17</u> decanted: (Y/N) <u> </u>	Date Received : <u>04/23/98</u>	
Extraction: (SepF/Cont/Sonc) <u>SONC</u>	Date Extracted: <u>04/28/98</u>	
Concentrated Extract Volume: <u>10000</u> (uL)	Date Analyzed : <u>05/07/98</u>	
Injection Volume: <u>1.0</u> (uL)	Dilution Factor: <u>5.0</u>	
GPC Cleanup: (Y/N) <u>N</u> pH: <u>6.1</u>	Sulfur Cleanup: (Y/N) <u>Y</u>	

CAS NO.	COMPOUND	CONCENTRATION UNITS: Q	
		(ug/L or ug/Kg) UG/KG	

<u>12674-11-2</u>	<u>Aroclor-1016</u>	<u>200</u>	<u>U</u>
<u>11104-28-2</u>	<u>Aroclor-1221</u>	<u>400</u>	<u>U</u>
<u>11141-16-5</u>	<u>Aroclor-1232</u>	<u>200</u>	<u>U</u>
<u>53469-21-9</u>	<u>Aroclor-1242</u>	<u>200</u>	<u>U</u>
<u>12672-29-6</u>	<u>Aroclor-1248</u>	<u>200</u>	<u>U</u>
<u>11097-69-1</u>	<u>Aroclor-1254</u>	<u>920</u>	
<u>11096-82-5</u>	<u>Aroclor-1260</u>	<u>200</u>	<u>U</u>

^{1D}
PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: IEA-CT Contract: _____ Client ID: CDBB-006
 Lab Code: IEACT Case No.: 0921A SDG No.: A0921
 Matrix: (soil/water) : SOIL Lab Sample ID: 980921A-06
 Sample wt/vol: 30 (g/ml) G Lab File ID: A4524169
 % Moisture: 14 decanted: (Y/N) _____ Date Received : 04/23/98
 Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/28/98
 Concentrated Extract Volume: 10000 (uL) Date Analyzed : 05/06/98
 Injection Volume: 1.0 (uL) Dilution Factor: 20.0
 GPC Cleanup: (Y/N) N pH: 6.6 Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS:	Q
		(ug/L or ug/Kg)	UG/KG
12674-11-2	Aroclor-1016	770	U
11104-28-2	Aroclor-1221	1600	U
11141-16-5	Aroclor-1232	770	U
53469-21-9	Aroclor-1242	770	U
12672-29-6	Aroclor-1248	770	U
11097-69-1	Aroclor-1254	1900	
11096-82-5	Aroclor-1260	770	U

0056

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: IEA-CT Contract: _____ Client ID: CDBB-007

Lab Code: IEACT Case No.: 0921A SDG No.: A0921

Matrix: (soil/water) :SOIL Lab Sample ID: 980921A-07

Sample wt/vol: 30 (g/ml) G Lab File ID: A4524170

% Moisture: 23 decanted: (Y/N) _____ Date Received : 04/23/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/28/98

Concentrated Extract Volume:10000 (uL) Date Analyzed : 05/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH:5.6 Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS:	Q
		(ug/L or ug/Kg)	<u>UG/KG</u>

12674-11-2	Aroclor-1016	430	U
11104-28-2	Aroclor-1221	870	U
11141-16-5	Aroclor-1232	430	U
53469-21-9	Aroclor-1242	430	U
12672-29-6	Aroclor-1248	430	U
11097-69-1	Aroclor-1254	1300	J
11096-82-5	Aroclor-1260	790	

0053

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>IEA-CT</u>	Contract: _____	Client ID: <u>CDBB-008</u>
Lab Code: <u>IEACT</u>	Case No.: <u>0921A</u>	SDG No.: <u>A0921</u>
Matrix: (soil/water) : <u>SOIL</u>	Lab Sample ID: <u>980921A-08</u>	
Sample wt/vol: <u>30</u> (g/ml) <u>G</u>	Lab File ID: <u>A4524192</u>	
% Moisture: <u>21</u> decanted: (Y/N) _____	Date Received : <u>04/23/98</u>	
Extraction: (SepF/Cont/Sonc) <u>SONC</u>	Date Extracted: <u>04/28/98</u>	
Concentrated Extract Volume: <u>10000</u> (uL)	Date Analyzed : <u>05/07/98</u>	
Injection Volume: <u>1.0</u> (uL)	Dilution Factor: <u>10.0</u>	
GPC Cleanup: (Y/N) <u>N</u> pH: <u>6.1</u>	Sulfur Cleanup: (Y/N) <u>Y</u>	

CAS NO.	COMPOUND	CONCENTRATION UNITS: Q (ug/L or ug/Kg) UG/KG	
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<u>12674-11-2</u>	<u>Aroclor-1016</u>	<u>420</u>	<u>U</u>
<u>11104-28-2</u>	<u>Aroclor-1221</u>	<u>850</u>	<u>U</u>
<u>11141-16-5</u>	<u>Aroclor-1232</u>	<u>420</u>	<u>U</u>
<u>53469-21-9</u>	<u>Aroclor-1242</u>	<u>420</u>	<u>U</u>
<u>12672-29-6</u>	<u>Aroclor-1248</u>	<u>420</u>	<u>U</u>
<u>11097-69-1</u>	<u>Aroclor-1254</u>	<u>1500</u>	<u>U</u>
<u>11096-82-5</u>	<u>Aroclor-1260</u>	<u>420</u>	<u>U</u>

^{1D}
PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>IEA-CT</u>	Contract: _____	Client ID: <u>CDBB-009</u>
Lab Code: <u>IEACT</u>	Case No.: <u>0921A</u>	SDG No.: <u>A0921</u>
Matrix: (soil/water) : <u>SOIL</u>	Lab Sample ID: <u>980921A-09</u>	
Sample wt/vol: <u>30</u> (g/ml) <u>G</u>	Lab File ID: <u>A4524172</u>	
% Moisture: <u>25</u>	decanted: (Y/N) <u> </u>	Date Received : <u>04/23/98</u>
Extraction: (SepF/Cont/Sonc)	<u>SONC</u>	Date Extracted: <u>04/28/98</u>
Concentrated Extract Volume:	<u>10000</u> (uL)	Date Analyzed : <u>05/07/98</u>
Injection Volume:	<u>1.0</u> (uL)	Dilution Factor: <u>10.0</u>
GPC Cleanup: (Y/N) <u>N</u>	pH: <u>6.2</u>	Sulfur Cleanup: (Y/N) <u>Y</u>

CAS NO.	COMPOUND	CONCENTRATION UNITS: Q (ug/L or ug/Kg) UG/KG
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<u>12674-11-2</u>	<u>Aroclor-1016</u>	<u>440</u>	<u>U</u>
<u>11104-28-2</u>	<u>Aroclor-1221</u>	<u>890</u>	<u>U</u>
<u>11141-16-5</u>	<u>Aroclor-1232</u>	<u>440</u>	<u>U</u>
<u>53469-21-9</u>	<u>Aroclor-1242</u>	<u>440</u>	<u>U</u>
<u>12672-29-6</u>	<u>Aroclor-1248</u>	<u>440</u>	<u>U</u>
<u>11097-69-1</u>	<u>Aroclor-1254</u>	<u>1500</u>	
<u>11096-82-5</u>	<u>Aroclor-1260</u>	<u>440</u>	<u>U</u>

0077

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>IEA-CT</u>	Contract: _____	Client ID: <u>CDBB-010</u>
Lab Code: <u>IEACT</u>	Case No.: <u>0921A</u>	SDG No.: <u>A0921</u>
Matrix: (soil/water): <u>SOIL</u>	Lab Sample ID: <u>980921A-10</u>	
Sample wt/vol: <u>30</u> (g/ml) <u>G</u>	Lab File ID: <u>A4524173</u>	
% Moisture: <u>22</u> decanted: (Y/N) _____	Date Received : <u>04/23/98</u>	
Extraction: (SepF/Cont/Sonc) <u>SONC</u>	Date Extracted: <u>04/28/98</u>	
Concentrated Extract Volume: <u>10000</u> (uL)	Date Analyzed : <u>05/07/98</u>	
Injection Volume: <u>1.0</u> (uL)	Dilution Factor: <u>10.0</u>	
GPC Cleanup: (Y/N) <u>N</u> pH: <u>4.9</u>	Sulfur Cleanup: (Y/N) <u>Y</u>	

CAS NO.	COMPOUND	CONCENTRATION UNITS: Q (ug/L or ug/Kg) UG/KG
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<u>12674-11-2</u>	<u>Aroclor-1016</u>	<u>420</u>	<u>U</u>
<u>11104-28-2</u>	<u>Aroclor-1221</u>	<u>860</u>	<u>U</u>
<u>11141-16-5</u>	<u>Aroclor-1232</u>	<u>420</u>	<u>U</u>
<u>53469-21-9</u>	<u>Aroclor-1242</u>	<u>420</u>	<u>U</u>
<u>12672-29-6</u>	<u>Aroclor-1248</u>	<u>420</u>	<u>U</u>
<u>11097-69-1</u>	<u>Aroclor-1254</u>	<u>1500</u>	
<u>11096-82-5</u>	<u>Aroclor-1260</u>	<u>420</u>	<u>U</u>

0085

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>IEA-CT</u>	Contract: _____	Client ID: <u>CDBB-011</u>
Lab Code: <u>IEACT</u>	Case No.: <u>0921A</u>	SDG No.: <u>A0921</u>
Matrix: (soil/water) : <u>SOIL</u>	Lab Sample ID: <u>980921A-11</u>	
Sample wt/vol: <u>30</u> (g/ml) <u>G</u>	Lab File ID: <u>A4524174</u>	
% Moisture: <u>23</u> decanted: (Y/N) <u> </u>	Date Received : <u>04/23/98</u>	
Extraction: (SepF/Cont/Sonc) <u>SONC</u>	Date Extracted: <u>04/28/98</u>	
Concentrated Extract Volume: <u>10000</u> (ul)	Date Analyzed : <u>05/07/98</u>	
Injection Volume: <u>1.0</u> (uL)	Dilution Factor: <u>20.0</u>	
GPC Cleanup: (Y/N) <u>N</u> pH: <u>5.8</u>	Sulfur Cleanup: (Y/N) <u>Y</u>	

CAS NO.	COMPOUND	CONCENTRATION UNITS: Q (ug/L or ug/Kg) UG/KG
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<u>12674-11-2</u>	<u>Aroclor-1016</u>	<u>860</u>	<u>U</u>
<u>11104-28-2</u>	<u>Aroclor-1221</u>	<u>1700</u>	<u>U</u>
<u>11141-16-5</u>	<u>Aroclor-1232</u>	<u>860</u>	<u>U</u>
<u>53469-21-9</u>	<u>Aroclor-1242</u>	<u>860</u>	<u>U</u>
<u>12672-29-6</u>	<u>Aroclor-1248</u>	<u>860</u>	<u>U</u>
<u>11097-69-1</u>	<u>Aroclor-1254</u>	<u>2000</u>	
<u>11096-82-5</u>	<u>Aroclor-1260</u>	<u>860</u>	<u>U</u>

0092

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: IEA-CT Contract: _____ Client ID: CDBB-012

Lab Code: IEACT Case No.: 0921A SDG No.: A0921

Matrix: (soil/water) : SOIL Lab Sample ID: 980921A-12

Sample wt/vol: 30 (g/ml) G Lab File ID: A4524175

% Moisture: 25 decanted: (Y/N) _____ Date Received : 04/23/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/28/98

Concentrated Extract Volume: 10000 (uL) Date Analyzed : 05/07/98

Injection Volume: 1.0 (uL) Dilution Factor: 20.0

GPC Cleanup: (Y/N) N pH: 5.5 Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS:	Q
		(ug/L or ug/Kg)	UG/KG

12674-11-2	Aroclor-1016	880	U
11104-28-2	Aroclor-1221	1800	U
11141-16-5	Aroclor-1232	880	U
53469-21-9	Aroclor-1242	880	U
12672-29-6	Aroclor-1248	880	U
11097-69-1	Aroclor-1254	2200	
11096-82-5	Aroclor-1260	880	U

^{1D}
PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>IEA-CT</u>	Contract: _____	Client ID: <u>CDBB-013</u>
Lab Code: <u>IEACT</u>	Case No.: <u>0921A</u>	SDG No.: <u>A0921</u>
Matrix: (soil/water) : <u>SOIL</u>	Lab Sample ID: <u>980921A-13</u>	
Sample wt/vol: <u>30</u> (g/ml) <u>G</u>	Lab File ID: <u>A4524193</u>	
% Moisture: <u>23</u> decanted: (Y/N) <u> </u>	Date Received : <u>04/23/98</u>	
Extraction: (SepF/Cont/Sonc) <u>SONC</u>	Date Extracted: <u>04/28/98</u>	
Concentrated Extract Volume: <u>10000</u> (uL)	Date Analyzed : <u>05/07/98</u>	
Injection Volume: <u>1.0</u> (uL)	Dilution Factor: <u>10.0</u>	
GPC Cleanup: (Y/N) <u>N</u> pH: <u>5.6</u>	Sulfur Cleanup: (Y/N) <u>Y</u>	

CAS NO.	COMPOUND	CONCENTRATION UNITS: Q (ug/L or ug/Kg) UG/KG	
12674-11-2	Aroclor-1016	430	U
11104-28-2	Aroclor-1221	870	U
11141-16-5	Aroclor-1232	430	U
53469-21-9	Aroclor-1242	430	U
12672-29-6	Aroclor-1248	430	U
11097-69-1	Aroclor-1254	990	
11096-82-5	Aroclor-1260	430	U

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: IEA-CT Contract: _____ Client ID: CDBB-014

Lab Code: IEACT Case No.: 0921A SDG No.: A0921

Matrix: (soil/water) :SOIL

Lab Sample ID: 980921A-14

Sample wt/vol: 30 (g/ml) G

Lab File ID: A4524177

% Moisture: 26 decanted: (Y/N)

Date Received : 04/23/98

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 04/28/98

Concentrated Extract Volume:10000 (uL)

Date Analyzed : 05/07/98

Injection Volume: 1.0 (uL)

Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH:5.8

Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: Q (ug/L or ug/Kg) UG/KG
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<u>12674-11-2</u>	<u>Aroclor-1016</u>	<u>440</u>	<u>U</u>
<u>11104-28-2</u>	<u>Aroclor-1221</u>	<u>900</u>	<u>U</u>
<u>11141-16-5</u>	<u>Aroclor-1232</u>	<u>440</u>	<u>U</u>
<u>53469-21-9</u>	<u>Aroclor-1242</u>	<u>440</u>	<u>U</u>
<u>12672-29-6</u>	<u>Aroclor-1248</u>	<u>440</u>	<u>U</u>
<u>11097-69-1</u>	<u>Aroclor-1254</u>	<u>1200</u>	
<u>11096-82-5</u>	<u>Aroclor-1260</u>	<u>440</u>	<u>U</u>

0114

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>IEA-CT</u>	Contract: _____	Client ID: <u>CDBB-015</u>
Lab Code: <u>IEACT</u>	Case No.: <u>0921A</u>	SDG No.: <u>A0921</u>
Matrix: (soil/water) : <u>SOIL</u>	Lab Sample ID: <u>980921A-15</u>	
Sample wt/vol: <u>30</u> (g/ml) <u>G</u>	Lab File ID: <u>A4524198</u>	
% Moisture: <u>17</u> decanted: (Y/N) <u> </u>	Date Received : <u>04/23/98</u>	
Extraction: (SepF/Cont/Sonc) <u>SONC</u>	Date Extracted: <u>04/28/98</u>	
Concentrated Extract Volume: <u>10000</u> (uL)	Date Analyzed : <u>05/07/98</u>	
Injection Volume: <u>1.0</u> (uL)	Dilution Factor: <u>2.0</u>	
GPC Cleanup: (Y/N) <u>N</u> pH: <u>5</u>	Sulfur Cleanup: (Y/N) <u>Y</u>	

CAS NO.	COMPOUND	CONCENTRATION UNITS: <u>Q</u> (ug/L or ug/Kg) <u>UG/KG</u>
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<u>12674-11-2</u>	<u>Aroclor-1016</u>	<u>80.</u>	<u>U</u>
<u>11104-28-2</u>	<u>Aroclor-1221</u>	<u>160</u>	<u>U</u>
<u>11141-16-5</u>	<u>Aroclor-1232</u>	<u>80.</u>	<u>U</u>
<u>53469-21-9</u>	<u>Aroclor-1242</u>	<u>80.</u>	<u>U</u>
<u>12672-29-6</u>	<u>Aroclor-1248</u>	<u>80.</u>	<u>U</u>
<u>11097-69-1</u>	<u>Aroclor-1254</u>	<u>280</u>	<u>J</u>
<u>11096-82-5</u>	<u>Aroclor-1260</u>	<u>80.</u>	<u>U</u>

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: IEA-CT Contract: _____ Client ID: CDBB-016

Lab Code: IEACT Case No.: 0921A SDG No.: A0921

Matrix: (soil/water) : SOIL Lab Sample ID: 980921A-16

Sample wt/vol: 30 (g/ml) G Lab File ID: A4524200

% Moisture: 21 decanted: (Y/N) _____ Date Received : 04/23/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/28/98

Concentrated Extract Volume: 10000 (uL) Date Analyzed : 05/08/98

Injection Volume: 1.0 (uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N pH: 5.3 Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: Q (ug/L or ug/Kg)	UG/KG
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<u>12674-11-2</u>	<u>Aroclor-1016</u>	<u>210</u>	<u>U</u>
<u>11104-28-2</u>	<u>Aroclor-1221</u>	<u>420</u>	<u>U</u>
<u>11141-16-5</u>	<u>Aroclor-1232</u>	<u>210</u>	<u>U</u>
<u>53469-21-9</u>	<u>Aroclor-1242</u>	<u>210</u>	<u>U</u>
<u>12672-29-6</u>	<u>Aroclor-1248</u>	<u>210</u>	<u>U</u>
<u>11097-69-1</u>	<u>Aroclor-1254</u>	<u>630</u>	
<u>11096-82-5</u>	<u>Aroclor-1260</u>	<u>210</u>	<u>U</u>

^{1D}
PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>IEA-CT</u>	Contract: _____	Client ID: <u>CDBB-017</u>
Lab Code: <u>IEACT</u>	Case No.: <u>0921A</u>	SDG No.: <u>A0921</u>
Matrix: (soil/water) : <u>SOIL</u>	Lab Sample ID: <u>980921A-17</u>	
Sample wt/vol: <u>30</u> (g/ml) <u>G</u>	Lab File ID: <u>A4524201</u>	
% Moisture: <u>28</u> decanted: (Y/N) <u> </u>	Date Received : <u>04/23/98</u>	
Extraction: (SepF/Cont/Sonc) <u>SONC</u>	Date Extracted: <u>04/28/98</u>	
Concentrated Extract Volume: <u>10000</u> (uL)	Date Analyzed : <u>05/08/98</u>	
Injection Volume: <u>1.0</u> (uL)	Dilution Factor: <u>10.0</u>	
GPC Cleanup: (Y/N) <u>N</u> pH: <u>5.2</u>	Sulfur Cleanup: (Y/N) <u>Y</u>	

CAS NO.	COMPOUND	CONCENTRATION UNITS: Q (ug/L or ug/Kg) UG/KG
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12674-11-2	Aroclor-1016	460	U
11104-28-2	Aroclor-1221	930	U
11141-16-5	Aroclor-1232	460	U
53469-21-9	Aroclor-1242	460	U
12672-29-6	Aroclor-1248	460	U
11097-69-1	Aroclor-1254	1300	
11096-82-5	Aroclor-1260	460	U

^{1D}
PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: IEA-CT Contract: _____ Client ID: CDBB-018
 Lab Code: IEACT Case No.: 0921A SDG No.: A0921
 Matrix: (soil/water) :SOIL Lab Sample ID: 980921A-18
 Sample wt/vol: 30 (g/ml) G Lab File ID: A4524202
 % Moisture: 21 decanted: (Y/N) _____ Date Received : 04/23/98
 Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/28/98
 Concentrated Extract Volume: 10000 (uL) Date Analyzed : 05/08/98
 Injection Volume: 1.0 (uL) Dilution Factor: 5.0
 GPC Cleanup: (Y/N) N pH: 5.5 Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS:	Q
		(ug/L or ug/Kg)	UG/KG

12674-11-2	Aroclor-1016	210	U
11104-28-2	Aroclor-1221	420	U
11141-16-5	Aroclor-1232	210	U
53469-21-9	Aroclor-1242	210	U
12672-29-6	Aroclor-1248	210	U
11097-69-1	Aroclor-1254	680	J
11096-82-5	Aroclor-1260	210	U

0148

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: IEA-CT Contract: _____ Client ID: CDBB-019

Lab Code: IEACT Case No.: 0921A SDG No.: A0921

Matrix: (soil/water) :SOIL

Lab Sample ID: 980921A-19

Sample wt/vol: 30 (g/ml) G

Lab File ID: A4524203

% Moisture: 26 decanted: (Y/N)

Date Received : 04/23/98

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 04/28/98

Concentrated Extract Volume: 10000 (uL)

Date Analyzed : 05/08/98

Injection Volume: 1.0 (uL)

Dilution Factor: 5.0

GPC Cleanup: (Y/N) N pH:5.3

Sulfur Cleanup: (Y/N) Y

CAS NO. COMPOUND

CONCENTRATION UNITS: Q
(ug/L or ug/Kg) UG/KG

<u>12674-11-2</u>	<u>Aroclor-1016</u>	<u>220</u>	<u>U</u>
<u>11104-28-2</u>	<u>Aroclor-1221</u>	<u>450</u>	<u>U</u>
<u>11141-16-5</u>	<u>Aroclor-1232</u>	<u>220</u>	<u>U</u>
<u>53469-21-9</u>	<u>Aroclor-1242</u>	<u>220</u>	<u>U</u>
<u>12672-29-6</u>	<u>Aroclor-1248</u>	<u>220</u>	<u>U</u>
<u>11097-69-1</u>	<u>Aroclor-1254</u>	<u>480</u>	
<u>11096-82-5</u>	<u>Aroclor-1260</u>	<u>220</u>	<u>U</u>

0157

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: IEA-CT Contract: _____ Client ID: CDBB-020

Lab Code: IEACT Case No.: 0921A SDG No.: A0921

Matrix: (soil/water) : SOIL Lab Sample ID: 980921A-20

Sample wt/vol: 30 (g/ml) G Lab File ID: A4524204

% Moisture: 24 decanted: (Y/N) _____ Date Received : 04/23/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/28/98

Concentrated Extract Volume: 10000 (ul) Date Analyzed : 05/08/98

Injection Volume: 1.0 (uL) Dilution Factor: 20.0

GPC Cleanup: (Y/N) N pH: 6.4 Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS:	Q
		(ug/L or ug/Kg)	<u>UG/KG</u>

12674-11-2	Aroclor-1016	870	U
11104-28-2	Aroclor-1221	1800	U
11141-16-5	Aroclor-1232	870	U
53469-21-9	Aroclor-1242	870	U
12672-29-6	Aroclor-1248	870	U
11097-69-1	Aroclor-1254	3700	
11096-82-5	Aroclor-1260	870	U

0011

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>IEA-CT</u>	Contract: _____	Client ID: <u>CDY-001</u>
Lab Code: <u>IEACT</u>	Case No.: <u>0920A</u>	SDG No.: <u>A0920</u>
Matrix: (soil/water) : <u>SOIL</u>	Lab Sample ID: <u>980920A-01</u>	
Sample wt/vol: <u>30</u> (g/ml) <u>G</u>	Lab File ID: <u>A4524110</u>	
% Moisture: <u>19</u> decanted: (Y/N) _____	Date Received : <u>04/23/98</u>	
Extraction: (SepF/Cont/Sonc) <u>SONC</u>	Date Extracted: <u>04/27/98</u>	
Concentrated Extract Volume: <u>10000</u> (uL)	Date Analyzed : <u>05/04/98</u>	
Injection Volume: <u>1.0</u> (uL)	Dilution Factor: <u>5.0</u>	
GPC Cleanup: (Y/N) <u>N</u> pH: <u>7.1</u>	Sulfur Cleanup: (Y/N) <u>Y</u>	

CAS NO.	COMPOUND	CONCENTRATION UNITS: Q (ug/L or ug/Kg) UG/KG
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<u>12674-11-2</u>	<u>Aroclor-1016</u>	<u>200</u>	<u>U</u>
<u>11104-28-2</u>	<u>Aroclor-1221</u>	<u>410</u>	<u>U</u>
<u>11141-16-5</u>	<u>Aroclor-1232</u>	<u>200</u>	<u>U</u>
<u>53469-21-9</u>	<u>Aroclor-1242</u>	<u>200</u>	<u>U</u>
<u>12672-29-6</u>	<u>Aroclor-1248</u>	<u>200</u>	<u>U</u>
<u>11097-69-1</u>	<u>Aroclor-1254</u>	<u>590</u>	<u>J</u>
<u>11096-82-5</u>	<u>Aroclor-1260</u>	<u>200</u>	<u>U</u>

0019

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: IEA-CT Contract: _____ Client ID: CDY-002Lab Code: IEACT Case No.: 0920A SDG No.: A0920Matrix: (soil/water) :SOILLab Sample ID: 980920A-02Sample wt/vol: 30 (g/ml) GLab File ID: A4524111% Moisture: 18 decanted: (Y/N) Date Received : 04/23/98Extraction: (SepF/Cont/Sonc) SONCDate Extracted: 04/27/98Concentrated Extract Volume:10000 (uL)Date Analyzed : 05/04/98Injection Volume: 1.0 (uL)Dilution Factor: 10.0GPC Cleanup: (Y/N) N pH:7Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS:	Q
		(ug/L or ug/Kg)	UG/KG

<u>12674-11-2</u>	<u>Aroclor-1016</u>	<u>400</u>	<u>U</u>
<u>11104-28-2</u>	<u>Aroclor-1221</u>	<u>820</u>	<u>U</u>
<u>11141-16-5</u>	<u>Aroclor-1232</u>	<u>400</u>	<u>U</u>
<u>53469-21-9</u>	<u>Aroclor-1242</u>	<u>400</u>	<u>U</u>
<u>12672-29-6</u>	<u>Aroclor-1248</u>	<u>400</u>	<u>U</u>
<u>11097-69-1</u>	<u>Aroclor-1254</u>	<u>940</u>	<u>T</u>
<u>11096-82-5</u>	<u>Aroclor-1260</u>	<u>400</u>	<u>U</u>

0026

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>IEA-CT</u>	Contract: _____	Client ID: <u>CDY-003</u>
Lab Code: <u>IEACT</u>	Case No.: <u>0920A</u>	SDG No.: <u>A0920</u>
Matrix: (soil/water) : <u>SOIL</u>	Lab Sample ID: <u>980920A-03</u>	
Sample wt/vol: <u>30</u> (g/ml) <u>G</u>	Lab File ID: <u>A4524112</u>	
% Moisture: <u>23</u> decanted: (Y/N) <u> </u>	Date Received : <u>04/23/98</u>	
Extraction: (SepF/Cont/Sonc) <u>SONC</u>	Date Extracted: <u>04/27/98</u>	
Concentrated Extract Volume: <u>10000</u> (uL)	Date Analyzed : <u>05/04/98</u>	
Injection Volume: <u>1.0</u> (uL)	Dilution Factor: <u>20.0</u>	
GPC Cleanup: (Y/N) <u>N</u> pH: <u>7.2</u>	Sulfur Cleanup: (Y/N) <u>Y</u>	

CAS NO.	COMPOUND	CONCENTRATION UNITS: Q (ug/L or ug/Kg) UG/KG
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<u>12674-11-2</u>	<u>Aroclor-1016</u>	<u>860</u>	<u>U</u>
<u>11104-28-2</u>	<u>Aroclor-1221</u>	<u>1700</u>	<u>U</u>
<u>11141-16-5</u>	<u>Aroclor-1232</u>	<u>860</u>	<u>U</u>
<u>53469-21-9</u>	<u>Aroclor-1242</u>	<u>860</u>	<u>U</u>
<u>12672-29-6</u>	<u>Aroclor-1248</u>	<u>860</u>	<u>U</u>
<u>11097-69-1</u>	<u>Aroclor-1254</u>	<u>1600</u>	
<u>11096-82-5</u>	<u>Aroclor-1260</u>	<u>860</u>	<u>U</u>

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>IEA-CT</u>	Contract: _____	Client ID: <u>CDY-004</u>
Lab Code: <u>IEACT</u>	Case No.: <u>0920A</u>	SDG No.: <u>A0920</u>
Matrix: (soil/water) : <u>SOIL</u>	Lab Sample ID: <u>980920A-04</u>	
Sample wt/vol: <u>30</u> (g/ml) <u>G</u>	Lab File ID: <u>A4524113</u>	
% Moisture: <u>23</u> decanted: (Y/N) <u> </u>	Date Received : <u>04/23/98</u>	
Extraction: (SepF/Cont/Sonc) <u>SONC</u>	Date Extracted: <u>04/27/98</u>	
Concentrated Extract Volume: <u>10000</u> (uL)	Date Analyzed : <u>05/04/98</u>	
Injection Volume: <u>1.0</u> (uL)	Dilution Factor: <u>50.0</u>	
GPC Cleanup: (Y/N) <u>N</u> pH: <u>6.1</u>	Sulfur Cleanup: (Y/N) <u>Y</u>	

CAS NO.	COMPOUND	CONCENTRATION UNITS: Q (ug/L or ug/Kg) UG/KG
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<u>12674-11-2</u>	<u>Aroclor-1016</u>	<u>2100</u>	<u>U</u>
<u>11104-28-2</u>	<u>Aroclor-1221</u>	<u>4400</u>	<u>U</u>
<u>11141-16-5</u>	<u>Aroclor-1232</u>	<u>2100</u>	<u>U</u>
<u>53469-21-9</u>	<u>Aroclor-1242</u>	<u>2100</u>	<u>U</u>
<u>12672-29-6</u>	<u>Aroclor-1248</u>	<u>2100</u>	<u>U</u>
<u>11097-69-1</u>	<u>Aroclor-1254</u>	<u>6900</u>	
<u>11096-82-5</u>	<u>Aroclor-1260</u>	<u>2100</u>	<u>U</u>

0040

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>IEA-CT</u>	Contract: _____	Client ID: <u>CDY-005</u>
Lab Code: <u>IEACT</u>	Case No.: <u>0920A</u>	SDG No.: <u>A0920</u>
Matrix: (soil/water): <u>SOIL</u>	Lab Sample ID: <u>980920A-05</u>	
Sample wt/vol: <u>30</u> (g/ml) <u>G</u>	Lab File ID: <u>A4524114</u>	
% Moisture: <u>19</u> decanted: (Y/N) <u> </u>	Date Received : <u>04/23/98</u>	
Extraction: (SepF/Cont/Sonc) <u>SONC</u>	Date Extracted: <u>04/27/98</u>	
Concentrated Extract Volume: <u>10000</u> (uL)	Date Analyzed : <u>05/05/98</u>	
Injection Volume: <u>1.0</u> (uL)	Dilution Factor: <u>5.0</u>	
GPC Cleanup: (Y/N) <u>N</u> pH: <u>6.1</u>	Sulfur Cleanup: (Y/N) <u>Y</u>	

CAS NO.	COMPOUND	CONCENTRATION UNITS: Q (ug/L or ug/Kg) UG/KG	
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<u>12674-11-2</u>	<u>Aroclor-1016</u>	<u>200</u>	<u>U</u>
<u>11104-28-2</u>	<u>Aroclor-1221</u>	<u>410</u>	<u>U</u>
<u>11141-16-5</u>	<u>Aroclor-1232</u>	<u>200</u>	<u>U</u>
<u>53469-21-9</u>	<u>Aroclor-1242</u>	<u>200</u>	<u>U</u>
<u>12672-29-6</u>	<u>Aroclor-1248</u>	<u>200</u>	<u>U</u>
<u>11097-69-1</u>	<u>Aroclor-1254</u>	<u>720</u>	<u>T</u>
<u>11096-82-5</u>	<u>Aroclor-1260</u>	<u>200</u>	<u>U</u>

0048

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: IEA-CT Contract: _____ Client ID: CDY-006

Lab Code: IEACT Case No.: 0920A SDG No.: A0920

Matrix: (soil/water) :SOIL Lab Sample ID: 980920A-06

Sample wt/vol: 30 (g/ml) G Lab File ID: A4524115

% Moisture: 26 decanted: (Y/N) _____ Date Received : 04/23/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/27/98

Concentrated Extract Volume:10000 (uL) Date Analyzed : 05/05/98

Injection Volume: 1.0 (uL) Dilution Factor: 2.0

GPC Cleanup: (Y/N) N pH:7.1 Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS:	Q
		(ug/L or ug/Kg)	<u>UG/KG</u>

<u>12674-11-2</u>	<u>Aroclor-1016</u>	<u>89(</u>	<u>U</u>
<u>11104-28-2</u>	<u>Aroclor-1221</u>	<u>180</u>	<u>U</u>
<u>11141-16-5</u>	<u>Aroclor-1232</u>	<u>89(</u>	<u>U</u>
<u>53469-21-9</u>	<u>Aroclor-1242</u>	<u>89(.)</u>	<u>U</u>
<u>12672-29-6</u>	<u>Aroclor-1248</u>	<u>89(.)</u>	<u>U</u>
<u>11097-69-1</u>	<u>Aroclor-1254</u>	<u>350</u>	
<u>11096-82-5</u>	<u>Aroclor-1260</u>	<u>89(.)</u>	<u>U</u>

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>IEA-CT</u>	Contract: _____	Client ID: <u>CDY-007</u>
Lab Code: <u>IEACT</u>	Case No.: <u>0920A</u>	SDG No.: <u>A0920</u>
Matrix: (soil/water) : <u>SOIL</u>	Lab Sample ID: <u>980920A-07</u>	
Sample wt/vol: <u>30</u> (g/ml) <u>G</u>	Lab File ID: <u>A4524116</u>	
% Moisture: <u>18</u> decanted: (Y/N) _____	Date Received : <u>04/23/98</u>	
Extraction: (SepF/Cont/Sonc) <u>SONC</u>	Date Extracted: <u>04/27/98</u>	
Concentrated Extract Volume: <u>10000</u> (ul)	Date Analyzed : <u>05/05/98</u>	
Injection Volume: <u>1.0</u> (uL)	Dilution Factor: <u>5.0</u>	
GPC Cleanup: (Y/N) <u>N</u> pH: <u>7.1</u>	Sulfur Cleanup: (Y/N) <u>Y</u>	

CAS NO.	COMPOUND	CONCENTRATION UNITS: Q (ug/L or ug/Kg) UG/KG
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<u>12674-11-2</u>	<u>Aroclor-1016</u>	<u>200</u>	<u>U</u>
<u>11104-28-2</u>	<u>Aroclor-1221</u>	<u>410</u>	<u>U</u>
<u>11141-16-5</u>	<u>Aroclor-1232</u>	<u>200</u>	<u>U</u>
<u>53469-21-9</u>	<u>Aroclor-1242</u>	<u>200</u>	<u>U</u>
<u>12672-29-6</u>	<u>Aroclor-1248</u>	<u>200</u>	<u>U</u>
<u>11097-69-1</u>	<u>Aroclor-1254</u>	<u>610</u>	
<u>11096-82-5</u>	<u>Aroclor-1260</u>	<u>200</u>	<u>U</u>

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>IEA-CT</u>	Contract: _____	Client ID: <u>CDY-008</u>
Lab Code: <u>IEACT</u>	Case No.: <u>0920A</u>	SDG No.: <u>A0920</u>
Matrix: (soil/water) : <u>SOIL</u>	Lab Sample ID: <u>980920A-08</u>	
Sample wt/vol: <u>30</u> (g/ml) <u>G</u>	Lab File ID: <u>A4524117</u>	
% Moisture: <u>20</u> decanted: (Y/N) <u> </u>	Date Received : <u>04/23/98</u>	
Extraction: (SepF/Cont/Sonc) <u>SONC</u>	Date Extracted: <u>04/27/98</u>	
Concentrated Extract Volume: <u>10000</u> (uL)	Date Analyzed : <u>05/05/98</u>	
Injection Volume: <u>1.0</u> (uL)	Dilution Factor: <u>10.0</u>	
GPC Cleanup: (Y/N) <u>N</u> pH: <u>6.8</u>	Sulfur Cleanup: (Y/N) <u>Y</u>	

CAS NO.	COMPOUND	CONCENTRATION UNITS: <u>Q</u> (ug/L or ug/Kg) <u>UG/KG</u>
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<u>12674-11-2</u>	<u>Aroclor-1016</u>	<u>410</u>	<u>U</u>
<u>11104-28-2</u>	<u>Aroclor-1221</u>	<u>840</u>	<u>U</u>
<u>11141-16-5</u>	<u>Aroclor-1232</u>	<u>410</u>	<u>U</u>
<u>53469-21-9</u>	<u>Aroclor-1242</u>	<u>410</u>	<u>U</u>
<u>12672-29-6</u>	<u>Aroclor-1248</u>	<u>410</u>	<u>U</u>
<u>11097-69-1</u>	<u>Aroclor-1254</u>	<u>550</u>	
<u>11096-82-5</u>	<u>Aroclor-1260</u>	<u>410</u>	<u>U</u>

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

0071

Lab Name: IEA-CT Contract: _____ Client ID: CDY-009Lab Code: IEACT Case No.: 0920A SDG No.: A0920Matrix: (soil/water) :SOILLab Sample ID: 980920A-09Sample wt/vol: 30 (g/ml) GLab File ID: A4524136% Moisture: 20 decanted: (Y/N) Date Received : 04/23/98Extraction: (SepF/Cont/Sonc) SONCDate Extracted: 04/27/98Concentrated Extract Volume: 10000 (uL)Date Analyzed : 05/05/98Injection Volume: 1.0 (uL)Dilution Factor: 5.0GPC Cleanup: (Y/N) N pH: 6.5Sulfur Cleanup: (Y/N) YCAS NO. COMPOUND CONCENTRATION UNITS: Q
(ug/L or ug/Kg) UG/KG

12674-11-2	Aroclor-1016	210	U
11104-28-2	Aroclor-1221	420	U
11141-16-5	Aroclor-1232	210	U
53469-21-9	Aroclor-1242	210	U
12672-29-6	Aroclor-1248	210	U
11097-69-1	Aroclor-1254	530	J
11096-82-5	Aroclor-1260	210	U

0079

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>IEA-CT</u>	Contract: _____	Client ID: <u>CDY-010</u>
Lab Code: <u>IEACT</u>	Case No.: <u>0920A</u>	SDG No.: <u>A0920</u>
Matrix: (soil/water) : <u>SOIL</u>	Lab Sample ID: <u>980920A-10</u>	
Sample wt/vol: <u>30</u> (g/ml) <u>G</u>	Lab File ID: <u>A4524137</u>	
% Moisture: <u>17</u> decanted: (Y/N) <u> </u>	Date Received : <u>04/23/98</u>	
Extraction: (SepF/Cont/Sonc) <u>SONC</u>	Date Extracted: <u>04/27/98</u>	
Concentrated Extract Volume: <u>10000</u> (uL)	Date Analyzed : <u>05/05/98</u>	
Injection Volume: <u>1.0</u> (uL)	Dilution Factor: <u>2.0</u>	
GPC Cleanup: (Y/N) <u>N</u> pH: <u>4.6</u>	Sulfur Cleanup: (Y/N) <u>Y</u>	

CAS NO.	COMPOUND	CONCENTRATION UNITS: Q (ug/L or ug/Kg) UG/KG
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<u>12674-11-2</u>	<u>Aroclor-1016</u>	<u>80.</u>	<u>U</u>
<u>11104-28-2</u>	<u>Aroclor-1221</u>	<u>160</u>	<u>U</u>
<u>11141-16-5</u>	<u>Aroclor-1232</u>	<u>80.</u>	<u>U</u>
<u>53469-21-9</u>	<u>Aroclor-1242</u>	<u>80.</u>	<u>U</u>
<u>12672-29-6</u>	<u>Aroclor-1248</u>	<u>80.</u>	<u>U</u>
<u>11097-69-1</u>	<u>Aroclor-1254</u>	<u>290</u>	<u>J</u>
<u>11096-82-5</u>	<u>Aroclor-1260</u>	<u>80.</u>	<u>U</u>

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>IEA-CT</u>	Contract: _____	Client ID: <u>CDY-011</u>
Lab Code: <u>IEACT</u>	Case No.: <u>0920A</u>	SDG No.: <u>A0920</u>
Matrix: (soil/water) : <u>SOIL</u>	Lab Sample ID: <u>980920A-11</u>	
Sample wt/vol: <u>30</u> (g/ml) <u>G</u>	Lab File ID: <u>A4524087</u>	
% Moisture: <u>26</u> decanted: (Y/N) <u> </u>	Date Received : <u>04/23/98</u>	
Extraction: (SepF/Cont/Sonc) <u>SONC</u>	Date Extracted: <u>04/27/98</u>	
Concentrated Extract Volume: <u>10000</u> (uL)	Date Analyzed : <u>05/01/98</u>	
Injection Volume: <u>1.0</u> (uL)	Dilution Factor: <u>1.0</u>	
GPC Cleanup: (Y/N) <u>N</u> pH: <u>6</u>	Sulfur Cleanup: (Y/N) <u>Y</u>	

CAS NO.	COMPOUND	CONCENTRATION UNITS: <u>Q</u> (ug/L or ug/Kg) <u>UG/KG</u>
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<u>12674-11-2</u>	<u>Aroclor-1016</u>	<u>44.</u>	<u>U</u>
<u>11104-28-2</u>	<u>Aroclor-1221</u>	<u>90.</u>	<u>U</u>
<u>11141-16-5</u>	<u>Aroclor-1232</u>	<u>44.</u>	<u>U</u>
<u>53469-21-9</u>	<u>Aroclor-1242</u>	<u>44.</u>	<u>U</u>
<u>12672-29-6</u>	<u>Aroclor-1248</u>	<u>44.</u>	<u>U</u>
<u>11097-69-1</u>	<u>Aroclor-1254</u>	<u>120</u>	<u>J</u>
<u>11096-82-5</u>	<u>Aroclor-1260</u>	<u>44.</u>	<u>U</u>

0097

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: IEA-CT Contract: _____ Client ID: CDY-012

Lab Code: IEACT Case No.: 0920A SDG No.: A0920

Matrix: (soil/water) :SOIL Lab Sample ID: 980920A-12

Sample wt/vol: 30 (g/ml) G Lab File ID: A4524120

% Moisture: 22 decanted: (Y/N) _____ Date Received : 04/23/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/27/98

Concentrated Extract Volume: 10000 (uL) Date Analyzed : 05/05/98

Injection Volume: 1.0 (uL) Dilution Factor: 2.0

GPC Cleanup: (Y/N) N pH: 6.1 Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS:	Q
		(ug/L or ug/Kg)	<u>UG/KG</u>

<u>12674-11-2</u>	<u>Aroclor-1016</u>	<u>85.</u>	<u>U</u>
<u>11104-28-2</u>	<u>Aroclor-1221</u>	<u>170</u>	<u>U</u>
<u>11141-16-5</u>	<u>Aroclor-1232</u>	<u>85.</u>	<u>U</u>
<u>53469-21-9</u>	<u>Aroclor-1242</u>	<u>85.</u>	<u>U</u>
<u>12672-29-6</u>	<u>Aroclor-1248</u>	<u>85.</u>	<u>U</u>
<u>11097-69-1</u>	<u>Aroclor-1254</u>	<u>210</u>	<u>J</u>
<u>11096-82-5</u>	<u>Aroclor-1260</u>	<u>85.</u>	<u>U</u>

0106

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: IEA-CT Contract: _____ Client ID: CDY-013

Lab Code: IEACT Case No.: 0920A SDG No.: A0920

Matrix: (soil/water): SOIL Lab Sample ID: 980920A-13

Sample wt/vol: 30 (g/ml) G Lab File ID: A4524121

% Moisture: 22 decanted: (Y/N) _____ Date Received : 04/23/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/27/98

Concentrated Extract Volume: 10000 (uL) Date Analyzed : 05/05/98

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: 6 Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: Q (ug/L or ug/Kg) UG/KG
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12674-11-2	Aroclor-1016	420	U
11104-28-2	Aroclor-1221	860	U
11141-16-5	Aroclor-1232	420	U
53469-21-9	Aroclor-1242	420	U
12672-29-6	Aroclor-1248	420	U
11097-69-1	Aroclor-1254	1100	
11096-82-5	Aroclor-1260	420	U

0113

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: IEA-CT Contract: _____ Client ID: CDY-014

Lab Code: IEACT Case No.: 0920A SDG No.: A0920

Matrix: (soil/water) :SOIL Lab Sample ID: 980920A-14

Sample wt/vol: 30 (g/ml) G Lab File ID: A4524122

% Moisture: 26 decanted: (Y/N) _____ Date Received : 04/23/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/27/98

Concentrated Extract Volume:10000 (uL) Date Analyzed : 05/05/98

Injection Volume: 1.0 (uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N pH: 7.1 Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS:	Q
		(ug/L or ug/Kg)	UG/KG

<u>12674-11-2</u>	<u>Aroclor-1016</u>	<u>220</u>	<u>U</u>
<u>11104-28-2</u>	<u>Aroclor-1221</u>	<u>450</u>	<u>U</u>
<u>11141-16-5</u>	<u>Aroclor-1232</u>	<u>220</u>	<u>U</u>
<u>53469-21-9</u>	<u>Aroclor-1242</u>	<u>220</u>	<u>U</u>
<u>12672-29-6</u>	<u>Aroclor-1248</u>	<u>220</u>	<u>U</u>
<u>11097-69-1</u>	<u>Aroclor-1254</u>	<u>560</u>	<u>J</u>
<u>11096-82-5</u>	<u>Aroclor-1260</u>	<u>220</u>	<u>U</u>

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

0121

Lab Name: IEA-CT Contract: _____ Client ID: CDY-015Lab Code: IEACT Case No.: 0920A SDG No.: A0920Matrix: (soil/water) :SOILLab Sample ID: 980920A-15Sample wt/vol: 30 (g/ml) GLab File ID: A4524138% Moisture: 21 decanted: (Y/N) Date Received : 04/23/98Extraction: (SepF/Cont/Sonc) SONCDate Extracted: 04/27/98Concentrated Extract Volume: 10000 (uL)Date Analyzed : 05/05/98Injection Volume: 1.0 (uL)Dilution Factor: 2.0GPC Cleanup: (Y/N) N pH: 7Sulfur Cleanup: (Y/N) YCAS NO. COMPOUND CONCENTRATION UNITS: Q
(ug/L or ug/Kg) UG/KG

12674-11-2	Aroclor-1016	84.	U
11104-28-2	Aroclor-1221	170	U
11141-16-5	Aroclor-1232	84.	U
53469-21-9	Aroclor-1242	84.	U
12672-29-6	Aroclor-1248	84.	U
11097-69-1	Aroclor-1254	290	
11096-82-5	Aroclor-1260	84.	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

0130

Lab Name: <u>IEA-CT</u>	Contract: _____	Client ID: <u>CDY-016</u>
Lab Code: <u>IEACT</u>	Case No.: <u>0920A</u>	SDG No.: <u>A0920</u>
Matrix: (soil/water) : <u>SOIL</u>	Lab Sample ID: <u>980920A-16</u>	
Sample wt/vol: <u>30</u> (g/ml) <u>G</u>	Lab File ID: <u>A4524092</u>	
% Moisture: <u>23</u> decanted: (Y/N) _____	Date Received : <u>04/23/98</u>	
Extraction: (SepF/Cont/Sonc) <u>SONC</u>	Date Extracted: <u>04/27/98</u>	
Concentrated Extract Volume: <u>10000</u> (uL)	Date Analyzed : <u>05/01/98</u>	
Injection Volume: <u>1.0</u> (uL)	Dilution Factor: <u>1.0</u>	
GPC Cleanup: (Y/N) <u>N</u> pH: <u>6.8</u>	Sulfur Cleanup: (Y/N) <u>Y</u>	

CAS NO.	COMPOUND	CONCENTRATION UNITS: Q (ug/L or ug/Kg) UG/KG	
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<u>12674-11-2</u>	<u>Aroclor-1016</u>	<u>43.</u>	<u>U</u>
<u>11104-28-2</u>	<u>Aroclor-1221</u>	<u>87.</u>	<u>U</u>
<u>11141-16-5</u>	<u>Aroclor-1232</u>	<u>43.</u>	<u>U</u>
<u>53469-21-9</u>	<u>Aroclor-1242</u>	<u>43.</u>	<u>U</u>
<u>12672-29-6</u>	<u>Aroclor-1248</u>	<u>43.</u>	<u>U</u>
<u>11097-69-1</u>	<u>Aroclor-1254</u>	<u>110</u>	<u>J</u>
<u>11096-82-5</u>	<u>Aroclor-1260</u>	<u>43.</u>	<u>U</u>

0139

^{1D}
PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>IEA-CT</u>	Contract: _____	Client ID: <u>CDY-017</u>
Lab Code: <u>IEACT</u>	Case No.: <u>0920A</u>	SDG No.: <u>A0920</u>
Matrix: (soil/water) : <u>SOIL</u>	Lab Sample ID: <u>980920A-17</u>	
Sample wt/vol: <u>30</u> (g/ml) <u>G</u>	Lab File ID: <u>A4524139</u>	
% Moisture: <u>28</u>	decanted: (Y/N)	<u> </u>
Extraction: (SepF/Cont/Sonc)	<u>SONC</u>	
Concentrated Extract Volume: <u>10000</u> (uL)	Date Received : <u>04/23/98</u>	
Injection Volume: <u>1.0</u> (uL)	Date Extracted: <u>04/27/98</u>	
GPC Cleanup: (Y/N) <u>N</u>	pH: <u>6.5</u>	Date Analyzed : <u>05/05/98</u>
		Dilution Factor: <u>5.0</u>
		Sulfur Cleanup: (Y/N) <u>Y</u>

CAS NO.	COMPOUND	CONCENTRATION UNITS: Q (ug/L or ug/Kg) UG/KG	
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<u>12674-11-2</u>	<u>Aroclor-1016</u>	<u>230</u>	<u>U</u>
<u>11104-28-2</u>	<u>Aroclor-1221</u>	<u>460</u>	<u>U</u>
<u>11141-16-5</u>	<u>Aroclor-1232</u>	<u>230</u>	<u>U</u>
<u>53469-21-9</u>	<u>Aroclor-1242</u>	<u>230</u>	<u>U</u>
<u>12672-29-6</u>	<u>Aroclor-1248</u>	<u>230</u>	<u>U</u>
<u>11097-69-1</u>	<u>Aroclor-1254</u>	<u>540</u>	
<u>11096-82-5</u>	<u>Aroclor-1260</u>	<u>230</u>	<u>U</u>

0143

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>IEA-CT</u>	Contract: _____	Client ID: <u>CDY-018</u>
Lab Code: <u>IEACT</u>	Case No.: <u>0920A</u>	SDG No.: <u>A0920</u>
Matrix: (soil/water) : <u>SOIL</u>	Lab Sample ID: <u>980920A-18</u>	
Sample wt/vol: <u>30</u> (g/ml) <u>G</u>	Lab File ID: <u>A4524140</u>	
% Moisture: <u>16</u>	decanted: (Y/N)	Date Received : <u>04/23/98</u>
Extraction: (SepF/Cont/Sonc)	<u>SONC</u>	Date Extracted: <u>04/27/98</u>
Concentrated Extract Volume:	<u>10000</u> (uL)	Date Analyzed : <u>05/05/98</u>
Injection Volume:	<u>1.0</u> (uL)	Dilution Factor: <u>2.0</u>
GPC Cleanup: (Y/N) <u>N</u>	pH: <u>6.4</u>	Sulfur Cleanup: (Y/N) <u>Y</u>

CAS NO.	COMPOUND	CONCENTRATION UNITS: Q (ug/L or ug/Kg) UG/KG
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<u>12674-11-2</u>	<u>Aroclor-1016</u>	<u>78.</u>	<u>U</u>
<u>11104-28-2</u>	<u>Aroclor-1221</u>	<u>160</u>	<u>U</u>
<u>11141-16-5</u>	<u>Aroclor-1232</u>	<u>78.</u>	<u>U</u>
<u>53469-21-9</u>	<u>Aroclor-1242</u>	<u>78.</u>	<u>U</u>
<u>12672-29-6</u>	<u>Aroclor-1248</u>	<u>78.</u>	<u>U</u>
<u>11097-69-1</u>	<u>Aroclor-1254</u>	<u>180</u>	
<u>11096-82-5</u>	<u>Aroclor-1260</u>	<u>78.</u>	<u>U</u>

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

0157

Lab Name: IEA-CT Contract: _____ Client ID: CDY-019Lab Code: IEACT Case No.: 0920A SDG No.: A0920Matrix: (soil/water) :SOILLab Sample ID: 980920A-19Sample wt/vol: 30 (g/ml) GLab File ID: A4524129% Moisture: 20 decanted: (Y/N) Date Received : 04/23/98Extraction: (SepF/Cont/Sonc) SONCDate Extracted: 04/27/98Concentrated Extract Volume: 10000 (uL)Date Analyzed : 05/05/98Injection Volume: 1.0 (uL)Dilution Factor: 2.0GPC Cleanup: (Y/N) N pH: 5.9Sulfur Cleanup: (Y/N) Y

CAS NO.

COMPOUND

CONCENTRATION UNITS: Q
(ug/L or ug/Kg) UG/KG

12674-11-2	Aroclor-1016	82.	U
11104-28-2	Aroclor-1221	170	U
11141-16-5	Aroclor-1232	82.	U
53469-21-9	Aroclor-1242	82.	U
12672-29-6	Aroclor-1248	82.	U
11097-69-1	Aroclor-1254	120	
11096-82-5	Aroclor-1260	82.	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: IEA-CT Contract: _____ Client ID: CDY-020
 Lab Code: IEACT Case No.: 0920A SDG No.: A0920
 Matrix: (soil/water) :SOIL Lab Sample ID: 980920A-20
 Sample wt/vol: 30 (g/ml) G Lab File ID: A4524141
 % Moisture: 16 decanted: (Y/N) _____ Date Received : 04/23/98
 Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/27/98
 Concentrated Extract Volume: 10000 (uL) Date Analyzed : 05/05/98
 Injection Volume: 1.0 (uL) Dilution Factor: 2.0
 GPC Cleanup: (Y/N) N pH: 5.9 Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS:	Q
		(ug/L or ug/Kg)	UG/KG

12674-11-2	Aroclor-1016	78.	U
11104-28-2	Aroclor-1221	160	U
11141-16-5	Aroclor-1232	78.	U
53469-21-9	Aroclor-1242	78.	U
12672-29-6	Aroclor-1248	78.	U
11097-69-1	Aroclor-1254	470	J
11096-82-5	Aroclor-1260	78.	U

0015

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: IEA-CT Contract: _____ Client ID: CDZ-001

Lab Code: IEACT Case No.: 0919A SDG No.: A0919

Matrix: (soil/water) :SOIL Lab Sample ID: 980919A-01

Sample wt/vol: 30 (g/ml) G Lab File ID: A5417197

% Moisture: 23 decanted: (Y/N) _____ Date Received : 04/23/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/25/98

Concentrated Extract Volume: 10000 (uL) Date Analyzed : 05/04/98

Injection Volume: 1.0 (uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N pH: 7.2 Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS:	Q
		(ug/L or ug/Kg)	<u>UG/KG</u>

12674-11-2	Aroclor-1016	210	U
11104-28-2	Aroclor-1221	440	U
11141-16-5	Aroclor-1232	210	U
53469-21-9	Aroclor-1242	210	U
12672-29-6	Aroclor-1248	210	U
11097-69-1	Aroclor-1254	380	
11096-82-5	Aroclor-1260	210	U

PESTICIDE ORGANICS ANALYSIS DATA SHEET

1D

0924

Lab Name: IEA-CT Contract: _____ Client ID: CDZ-002

Lab Code: IEACT Case No.: 0919A SDG No.: A0919

Matrix: (soil/water) :SOIL Lab Sample ID: 980919A-02

Sample wt/vol: 30 (g/ml) G Lab File ID: A5417165

% Moisture: 26 decanted: (Y/N) _____ Date Received : 04/23/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/25/98

Concentrated Extract Volume: 10000 (uL) Date Analyzed : 05/01/98

Injection Volume: 1.0 (uL) Dilution Factor: 2.0

GPC Cleanup: (Y/N) N pH: 7 Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS:	Q
		(ug/L or ug/Kg)	<u>UG/KG</u>

<u>12674-11-2</u>	<u>Aroclor-1016</u>	<u>89.</u>	<u>U</u>
<u>11104-28-2</u>	<u>Aroclor-1221</u>	<u>180</u>	<u>U</u>
<u>11141-16-5</u>	<u>Aroclor-1232</u>	<u>89.</u>	<u>U</u>
<u>53469-21-9</u>	<u>Aroclor-1242</u>	<u>89.</u>	<u>U</u>
<u>12672-29-6</u>	<u>Aroclor-1248</u>	<u>89.</u>	<u>U</u>
<u>11097-69-1</u>	<u>Aroclor-1254</u>	<u>300</u>	<u>I</u>
<u>11096-82-5</u>	<u>Aroclor-1260</u>	<u>89.</u>	<u>U</u>

0033

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>IEA-CT</u>	Contract: _____	Client ID: <u>CDZ-003</u>
Lab Code: <u>IEACT</u>	Case No.: <u>0919A</u>	SDG No.: <u>A0919</u>
Matrix: (soil/water): <u>SOIL</u>	Lab Sample ID: <u>980919A-03</u>	
Sample wt/vol: <u>30</u> (g/ml) <u>G</u>	Lab File ID: <u>A5417166</u>	
% Moisture: <u>16</u>	decanted: (Y/N) <u> </u>	Date Received : <u>04/23/98</u>
Extraction: (SepF/Cont/Sonc)	<u>SONC</u>	Date Extracted: <u>04/25/98</u>
Concentrated Extract Volume:	<u>10000</u> (uL)	Date Analyzed : <u>05/01/98</u>
Injection Volume:	<u>1.0</u> (uL)	Dilution Factor: <u>2.0</u>
GPC Cleanup: (Y/N) <u>N</u>	pH: <u>6.8</u>	Sulfur Cleanup: (Y/N) <u>Y</u>

CAS NO.	COMPOUND	CONCENTRATION UNITS: Q (ug/L or ug/Kg) UG/KG
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<u>12674-11-2</u>	<u>Aroclor-1016</u>	<u>78.</u>	<u>U</u>
<u>11104-28-2</u>	<u>Aroclor-1221</u>	<u>160</u>	<u>U</u>
<u>11141-16-5</u>	<u>Aroclor-1232</u>	<u>78.</u>	<u>U</u>
<u>53469-21-9</u>	<u>Aroclor-1242</u>	<u>78.</u>	<u>U</u>
<u>12672-29-6</u>	<u>Aroclor-1248</u>	<u>78.</u>	<u>U</u>
<u>11097-69-1</u>	<u>Aroclor-1254</u>	<u>270</u>	
<u>11096-82-5</u>	<u>Aroclor-1260</u>	<u>78.</u>	<u>U</u>

0042

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: IEA-CT Contract: _____ Client ID: CDZ-004

Lab Code: IEACT Case No.: 0919A SDG No.: A0919

Matrix: (soil/water) :SOIL

Lab Sample ID: 980919A-04

Sample wt/vol: 30 (g/ml) G

Lab File ID: A5417200

% Moisture: 17 decanted: (Y/N) _____

Date Received : 04/23/98

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 04/25/98

Concentrated Extract Volume: 10000 (uL)

Date Analyzed : 05/05/98

Injection Volume: 1.0 (uL)

Dilution Factor: 2.0

GPC Cleanup: (Y/N) N pH:7.3

Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS:	<u>Q</u>
		(ug/L or ug/Kg)	<u>UG/KG</u>

<u>12674-11-2</u>	<u>Aroclor-1016</u>	<u>80.</u>	<u>U</u>
<u>11104-28-2</u>	<u>Aroclor-1221</u>	<u>160</u>	<u>U</u>
<u>11141-16-5</u>	<u>Aroclor-1232</u>	<u>80.</u>	<u>U</u>
<u>53469-21-9</u>	<u>Aroclor-1242</u>	<u>80.</u>	<u>U</u>
<u>12672-29-6</u>	<u>Aroclor-1248</u>	<u>80.</u>	<u>U</u>
<u>11097-69-1</u>	<u>Aroclor-1254</u>	<u>230</u>	
<u>11096-82-5</u>	<u>Aroclor-1260</u>	<u>80.</u>	<u>U</u>

0051

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>IEA-CT</u>	Contract: _____	Client ID: <u>CDZ-005</u>
Lab Code: <u>IEACT</u>	Case No.: <u>0919A</u>	SDG No.: <u>A0919</u>
Matrix: (soil/water): <u>SOIL</u>	Lab Sample ID: <u>980919A-05</u>	
Sample wt/vol: <u>30</u> (g/ml) <u>G</u>	Lab File ID: <u>A5417201</u>	
% Moisture: <u>21</u> decanted: (Y/N) _____	Date Received : <u>04/23/98</u>	
Extraction: (SepF/Cont/Sonc) <u>SONC</u>	Date Extracted: <u>04/25/98</u>	
Concentrated Extract Volume: <u>10000</u> (uL)	Date Analyzed : <u>05/05/98</u>	
Injection Volume: <u>1.0</u> (uL)	Dilution Factor: <u>2.0</u>	
GPC Cleanup: (Y/N) <u>N</u>	Sulfur Cleanup: (Y/N) <u>Y</u>	

CAS NO.	COMPOUND	CONCENTRATION UNITS: Q (ug/L or ug/Kg) UG/KG
12674-11-2	Aroclor-1016	84. U
11104-28-2	Aroclor-1221	170 U
11141-16-5	Aroclor-1232	84. U
53469-21-9	Aroclor-1242	84. U
12672-29-6	Aroclor-1248	84. U
11097-69-1	Aroclor-1254	200 U
11096-82-5	Aroclor-1260	84. U

0060

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: IEA-CT Contract: _____ Client ID: CDZ-006

Lab Code: IEACT Case No.: 0919A SDG No.: A0919

Matrix: (soil/water) :SOIL Lab Sample ID: 980919A-06

Sample wt/vol: 30 (g/ml) G Lab File ID: A5417202

% Moisture: 26 decanted: (Y/N) _____ Date Received : 04/23/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/25/98

Concentrated Extract Volume: 10000 (uL) Date Analyzed : 05/05/98

Injection Volume: 1.0 (uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N pH: 7 Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS:	Q
		(ug/L or ug/Kg)	<u>UG/KG</u>

12674-11-2	Aroclor-1016	220	U
11104-28-2	Aroclor-1221	450	U
11141-16-5	Aroclor-1232	220	U
53469-21-9	Aroclor-1242	220	U
12672-29-6	Aroclor-1248	220	U
11097-69-1	Aroclor-1254	390	
11096-82-5	Aroclor-1260	220	U

0069

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: IEA-CT Contract: _____ Client ID: CDZ-007

Lab Code: IEACT Case No.: 0919A SDG No.: A0919

Matrix: (soil/water) : SOIL Lab Sample ID: 980919A-07

Sample wt/vol: 30 (g/ml) G Lab File ID: A5417203

% Moisture: 23 decanted: (Y/N) _____ Date Received : 04/23/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/25/98

Concentrated Extract Volume: 10000 (uL) Date Analyzed : 05/05/98

Injection Volume: 1.0 (uL) Dilution Factor: 2.0

GPC Cleanup: (Y/N) N pH: 6.5 Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: Q (ug/L or ug/Kg)	UG/KG
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12674-11-2	Aroclor-1016	86.	U
11104-28-2	Aroclor-1221	170	U
11141-16-5	Aroclor-1232	86.	U
53469-21-9	Aroclor-1242	86.	U
12672-29-6	Aroclor-1248	86.	U
11097-69-1	Aroclor-1254	250	
11096-82-5	Aroclor-1260	86.	U

0078

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>IEA-CT</u>	Contract: _____	Client ID: <u>CDZ-008</u>
Lab Code: <u>IEACT</u>	Case No.: <u>0919A</u>	SDG No.: <u>A0919</u>
Matrix: (soil/water) : <u>SOIL</u>	Lab Sample ID: <u>980919A-08</u>	
Sample wt/vol: <u>30</u> (g/ml) <u>G</u>	Lab File ID: <u>A5417204</u>	
% Moisture: <u>21</u> decanted: (Y/N) _____	Date Received : <u>04/23/98</u>	
Extraction: (SepF/Cont/Sonc) <u>SONC</u>	Date Extracted: <u>04/25/98</u>	
Concentrated Extract Volume: <u>10000</u> (uL)	Date Analyzed : <u>05/05/98</u>	
Injection Volume: <u>1.0</u> (uL)	Dilution Factor: <u>5.0</u>	
GPC Cleanup: (Y/N) <u>N</u> pH: <u>6.3</u>	Sulfur Cleanup: (Y/N) <u>Y</u>	

CAS NO.	COMPOUND	CONCENTRATION UNITS: Q (ug/L or ug/Kg) UG/KG
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<u>12674-11-2</u>	<u>Aroclor-1016</u>	<u>210</u>	<u>U</u>
<u>11104-28-2</u>	<u>Aroclor-1221</u>	<u>420</u>	<u>U</u>
<u>11141-16-5</u>	<u>Aroclor-1232</u>	<u>210</u>	<u>U</u>
<u>53469-21-9</u>	<u>Aroclor-1242</u>	<u>210</u>	<u>U</u>
<u>12672-29-6</u>	<u>Aroclor-1248</u>	<u>210</u>	<u>U</u>
<u>11097-69-1</u>	<u>Aroclor-1254</u>	<u>550</u>	
<u>11096-82-5</u>	<u>Aroclor-1260</u>	<u>210</u>	<u>U</u>

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>IEA-CT</u>	Contract: _____	Client ID: <u>CDZ-009</u>
Lab Code: <u>IEACT</u>	Case No.: <u>0919A</u>	SDG No.: <u>A0919</u>
Matrix: (soil/water) : <u>SOIL</u>	Lab Sample ID: <u>980919A-09</u>	
Sample wt/vol: <u>30</u> (g/ml) <u>G</u>	Lab File ID: <u>A5417205</u>	
% Moisture: <u>25</u> decanted: (Y/N) <u> </u>	Date Received : <u>04/23/98</u>	
Extraction: (SepF/Cont/Sonc) <u>SONC</u>	Date Extracted: <u>04/25/98</u>	
Concentrated Extract Volume: <u>10000</u> (uL)	Date Analyzed : <u>05/05/98</u>	
Injection Volume: <u>1.0</u> (uL)	Dilution Factor: <u>2.0</u>	
GPC Cleanup: (Y/N) <u>N</u> pH: <u>6.9</u>	Sulfur Cleanup: (Y/N) <u>Y</u>	

CAS NO.	COMPOUND	CONCENTRATION UNITS: Q (ug/L or ug/Kg) UG/KG
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<u>12674-11-2</u>	<u>Aroclor-1016</u>	<u>88.</u>	<u>U</u>
<u>11104-28-2</u>	<u>Aroclor-1221</u>	<u>180</u>	<u>U</u>
<u>11141-16-5</u>	<u>Aroclor-1232</u>	<u>88.</u>	<u>U</u>
<u>53469-21-9</u>	<u>Aroclor-1242</u>	<u>88.</u>	<u>U</u>
<u>12672-29-6</u>	<u>Aroclor-1248</u>	<u>88.</u>	<u>U</u>
<u>11097-69-1</u>	<u>Aroclor-1254</u>	<u>220</u>	
<u>11096-82-5</u>	<u>Aroclor-1260</u>	<u>88.</u>	<u>U</u>

0096

^{1D}
PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>IEA-CT</u>	Contract: _____	Client ID: <u>CDZ-010</u>
Lab Code: <u>IEACT</u>	Case No.: <u>0919A</u>	SDG No.: <u>A0919</u>
Matrix: (soil/water) : <u>SOIL</u>		Lab Sample ID: <u>980919A-10</u>
Sample wt/vol: <u>30</u> (g/ml) <u>G</u>		Lab File ID: <u>A5417206</u>
% Moisture: <u>21</u>	decanted: (Y/N) <u> </u>	Date Received : <u>04/23/98</u>
Extraction: (SepF/Cont/Sonc)	<u>SONC</u>	Date Extracted: <u>04/25/98</u>
Concentrated Extract Volume:	<u>10000</u> (ul)	Date Analyzed : <u>05/05/98</u>
Injection Volume:	<u>1.0</u> (uL)	Dilution Factor: <u>5.0</u>
GPC Cleanup: (Y/N) <u>N</u>	pH: <u>7</u>	Sulfur Cleanup: (Y/N) <u>Y</u>

CAS NO.	COMPOUND	CONCENTRATION UNITS: Q (ug/L or ug/Kg) UG/KG
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<u>12674-11-2</u>	<u>Aroclor-1016</u>	<u>210</u>	<u>U</u>
<u>11104-28-2</u>	<u>Aroclor-1221</u>	<u>420</u>	<u>U</u>
<u>11141-16-5</u>	<u>Aroclor-1232</u>	<u>210</u>	<u>U</u>
<u>53469-21-9</u>	<u>Aroclor-1242</u>	<u>210</u>	<u>U</u>
<u>12672-29-6</u>	<u>Aroclor-1248</u>	<u>210</u>	<u>U</u>
<u>11097-69-1</u>	<u>Aroclor-1254</u>	<u>580</u>	
<u>11096-82-5</u>	<u>Aroclor-1260</u>	<u>210</u>	<u>U</u>

0105

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: IEA-CT Contract: _____ Client ID: CDZ-011Lab Code: IEACT Case No.: 0919A SDG No.: A0919Matrix: (soil/water) :SOILLab Sample ID: 980919A-11Sample wt/vol: 30 (g/ml) GLab File ID: A5417212% Moisture: 20 decanted: (Y/N) Date Received : 04/23/98Extraction: (SepF/Cont/Sonc) SONCDate Extracted: 04/25/98Concentrated Extract Volume:10000 (uL)Date Analyzed : 05/05/98Injection Volume: 1.0 (uL)Dilution Factor: 2.0GPC Cleanup: (Y/N) N pH: 7.1Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS:	Q
		(ug/L or ug/Kg)	UG/KG

<u>12674-11-2</u>	<u>Aroclor-1016</u>	<u>82.</u>	<u>U</u>
<u>11104-28-2</u>	<u>Aroclor-1221</u>	<u>170</u>	<u>U</u>
<u>11141-16-5</u>	<u>Aroclor-1232</u>	<u>82.</u>	<u>U</u>
<u>53469-21-9</u>	<u>Aroclor-1242</u>	<u>82.</u>	<u>U</u>
<u>12672-29-6</u>	<u>Aroclor-1248</u>	<u>82.</u>	<u>U</u>
<u>11097-69-1</u>	<u>Aroclor-1254</u>	<u>200</u>	
<u>11096-82-5</u>	<u>Aroclor-1260</u>	<u>82.</u>	<u>U</u>

0114

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: IEA-CT Contract: _____ Client ID: CDZ-012Lab Code: IEACT Case No.: 0919A SDG No.: A0919Matrix: (soil/water) :SOILLab Sample ID: 980919A-12Sample wt/vol: 30 (g/ml) GLab File ID: A5417213% Moisture: 25 decanted: (Y/N) Date Received : 04/23/98Extraction: (SepF/Cont/Sonc) SONCDate Extracted: 04/25/98Concentrated Extract Volume:10000 (uL)Date Analyzed : 05/05/98Injection Volume: 1.0 (uL)Dilution Factor: 2.0GPC Cleanup: (Y/N) N pH:7Sulfur Cleanup: (Y/N) Y

CAS NO.

COMPOUND

CONCENTRATION UNITS: Q
(ug/L or ug/Kg) UG/KG

12674-11-2	Aroclor-1016	88.	U
11104-28-2	Aroclor-1221	180	U
11141-16-5	Aroclor-1232	88.	U
53469-21-9	Aroclor-1242	88.	U
12672-29-6	Aroclor-1248	88.	U
11097-69-1	Aroclor-1254	180	
11096-82-5	Aroclor-1260	88.	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>IEA-CT</u>	Contract: _____	Client ID: <u>CDZ-013</u>
Lab Code: <u>IEACT</u>	Case No.: <u>0919A</u>	SDG No.: <u>A0919</u>
Matrix: (soil/water) : <u>SOIL</u>	Lab Sample ID: <u>980919A-13</u>	
Sample wt/vol: <u>30</u> (g/ml) <u>G</u>	Lab File ID: <u>A5417214</u>	
% Moisture: <u>16</u> decanted: (Y/N) _____	Date Received : <u>04/23/98</u>	
Extraction: (SepF/Cont/Sonc) <u>SONC</u>	Date Extracted: <u>04/25/98</u>	
Concentrated Extract Volume: <u>10000</u> (uL)	Date Analyzed : <u>05/05/98</u>	
Injection Volume: <u>1.0</u> (uL)	Dilution Factor: <u>2.0</u>	
GPC Cleanup: (Y/N) <u>N</u> pH: <u>7</u>	Sulfur Cleanup: (Y/N) <u>Y</u>	

CAS NO.	COMPOUND	CONCENTRATION UNITS: Q (ug/L or ug/Kg) UG/KG
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<u>12674-11-2</u>	<u>Aroclor-1016</u>	<u>78.</u>	<u>U</u>
<u>11104-28-2</u>	<u>Aroclor-1221</u>	<u>160</u>	<u>U</u>
<u>11141-16-5</u>	<u>Aroclor-1232</u>	<u>78.</u>	<u>U</u>
<u>53469-21-9</u>	<u>Aroclor-1242</u>	<u>78.</u>	<u>U</u>
<u>12672-29-6</u>	<u>Aroclor-1248</u>	<u>78.</u>	<u>U</u>
<u>11097-69-1</u>	<u>Aroclor-1254</u>	<u>160</u>	
<u>11096-82-5</u>	<u>Aroclor-1260</u>	<u>78.</u>	<u>U</u>

PESTICIDE ORGANICS ANALYSIS DATA SHEET

0132

1D

Lab Name: IEA-CT Contract: _____ Client ID: CDZ-014Lab Code: IEACT Case No.: 0919A SDG No.: A0919Matrix: (soil/water) :SOIL Lab Sample ID: 980919A-14Sample wt/vol: 30 (g/ml) G Lab File ID: A5417215% Moisture: 23 decanted: (Y/N) _____ Date Received : 04/23/98Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/25/98Concentrated Extract Volume: 10000 (uL) Date Analyzed : 05/05/98Injection Volume: 1.0 (uL) Dilution Factor: 5.0GPC Cleanup: (Y/N) N pH: 6.9 Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS:	Q
		(ug/L or ug/Kg)	UG/KG

<u>12674-11-2</u>	<u>Aroclor-1016</u>	<u>210</u>	<u>U</u>
<u>11104-28-2</u>	<u>Aroclor-1221</u>	<u>440</u>	<u>U</u>
<u>11141-16-5</u>	<u>Aroclor-1232</u>	<u>210</u>	<u>U</u>
<u>53469-21-9</u>	<u>Aroclor-1242</u>	<u>210</u>	<u>U</u>
<u>12672-29-6</u>	<u>Aroclor-1248</u>	<u>210</u>	<u>U</u>
<u>11097-69-1</u>	<u>Aroclor-1254</u>	<u>360</u>	
<u>11096-82-5</u>	<u>Aroclor-1260</u>	<u>210</u>	<u>U</u>

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

0141

Lab Name: IEA-CT Contract: _____ Client ID: CDZ-015Lab Code: IEACT Case No.: 0919A SDG No.: A0919Matrix: (soil/water) :SOILLab Sample ID: 980919A-15Sample wt/vol: 30 (g/ml) GLab File ID: A5417216% Moisture: 13 decanted: (Y/N) Date Received : 04/23/98Extraction: (SepF/Cont/Sonc) SONCDate Extracted: 04/25/98Concentrated Extract Volume: 10000 (uL)Date Analyzed : 05/05/98Injection Volume: 1.0 (uL)Dilution Factor: 5.0GPC Cleanup: (Y/N) N pH: 6.8Sulfur Cleanup: (Y/N) YCAS NO. COMPOUND CONCENTRATION UNITS: Q
(ug/L or ug/Kg) UG/KG

12674-11-2	Aroclor-1016	190	U
11104-28-2	Aroclor-1221	380	U
11141-16-5	Aroclor-1232	190	U
53469-21-9	Aroclor-1242	190	U
12672-29-6	Aroclor-1248	190	U
11097-69-1	Aroclor-1254	410	
11096-82-5	Aroclor-1260	190	U

0150

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: IEA-CT Contract: _____ Client ID: CDZ-016Lab Code: IEACT Case No.: 0919A SDG No.: A0919Matrix: (soil/water) :SOILLab Sample ID: 980919A-16Sample wt/vol: 30 (g/ml) GLab File ID: A5417217% Moisture: 22 decanted: (Y/N) Date Received : 04/23/98Extraction: (SepF/Cont/Sonc) SONCDate Extracted: 04/25/98Concentrated Extract Volume: 10000 (uL)Date Analyzed : 05/05/98Injection Volume: 1.0 (uL)Dilution Factor: 5.0GPC Cleanup: (Y/N) N pH: 6.9Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS:	<u>Q</u>
		(ug/L or ug/Kg)	<u>UG/KG</u>

12674-11-2	Aroclor-1016	210	U
11104-28-2	Aroclor-1221	430	U
11141-16-5	Aroclor-1232	210	U
53469-21-9	Aroclor-1242	210	U
12672-29-6	Aroclor-1248	210	U
11097-69-1	Aroclor-1254	300	
11096-82-5	Aroclor-1260	210	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

0158

Lab Name: IEA-CT Contract: _____ Client ID: CDZ-017
Lab Code: IEACT Case No.: 0919A SDG No.: A0919
Matrix: (soil/water) :SOIL Lab Sample ID: 980919A-17
Sample wt/vol: 30 (g/ml) G Lab File ID: A5417218
% Moisture: 22 decanted: (Y/N) _____ Date Received : 04/23/98
Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/25/98
Concentrated Extract Volume: 10000 (uL) Date Analyzed : 05/05/98
Injection Volume: 1.0 (uL) Dilution Factor: 5.0
GPC Cleanup: (Y/N) N pH: 6.8 Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS:	Q
		(ug/L or ug/Kg)	<u>UG/KG</u>

12674-11-2	Aroclor-1016	210	U
11104-28-2	Aroclor-1221	430	U
11141-16-5	Aroclor-1232	210	U
53469-21-9	Aroclor-1242	210	U
12672-29-6	Aroclor-1248	210	U
11097-69-1	Aroclor-1254	420	
11096-82-5	Aroclor-1260	210	U

^{1D}
PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>IEA-CT</u>	Contract: _____	Client ID: <u>CDZ-018</u>
Lab Code: <u>IEACT</u>	Case No.: <u>0919A</u>	SDG No.: <u>A0919</u>
Matrix: (soil/water) : <u>SOIL</u>	Lab Sample ID: <u>980919A-18</u>	
Sample wt/vol: <u>30</u> (g/ml) <u>G</u>	Lab File ID: <u>A5417219</u>	
% Moisture: <u>22</u> decanted: (Y/N) _____	Date Received : <u>04/23/98</u>	
Extraction: (SepF/Cont/Sonc) <u>SONC</u>	Date Extracted: <u>04/25/98</u>	
Concentrated Extract Volume: <u>10000</u> (ul)	Date Analyzed : <u>05/05/98</u>	
Injection Volume: <u>1.0</u> (uL)	Dilution Factor: <u>2.0</u>	
GPC Cleanup: (Y/N) <u>N</u> pH: <u>7</u>	Sulfur Cleanup: (Y/N) <u>Y</u>	

CAS NO.	COMPOUND	CONCENTRATION UNITS: Q (ug/L or ug/Kg) UG/KG	
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<u>12674-11-2</u>	<u>Aroclor-1016</u>	<u>85.</u>	<u>U</u>
<u>11104-28-2</u>	<u>Aroclor-1221</u>	<u>170</u>	<u>U</u>
<u>11141-16-5</u>	<u>Aroclor-1232</u>	<u>85.</u>	<u>U</u>
<u>53469-21-9</u>	<u>Aroclor-1242</u>	<u>85.</u>	<u>U</u>
<u>12672-29-6</u>	<u>Aroclor-1248</u>	<u>85.</u>	<u>U</u>
<u>11097-69-1</u>	<u>Aroclor-1254</u>	<u>230</u>	
<u>11096-82-5</u>	<u>Aroclor-1260</u>	<u>85.</u>	<u>U</u>

0176

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: IEA-CT Contract: _____ Client ID: CDZ-019

Lab Code: IEACT Case No.: 0919A SDG No.: A0919

Matrix: (soil/water) :SOIL Lab Sample ID: 980919A-19

Sample wt/vol: 30 (g/ml) G Lab File ID: A5417220

% Moisture: 22 decanted: (Y/N) _____ Date Received : 04/23/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/25/98

Concentrated Extract Volume:10000 (uL) Date Analyzed : 05/05/98

Injection Volume: 1.0 (uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N pH:7.1 Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: Q (ug/L or ug/Kg) UG/KG
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<u>12674-11-2</u>	<u>Aroclor-1016</u>	<u>210</u>	<u>U</u>
<u>11104-28-2</u>	<u>Aroclor-1221</u>	<u>430</u>	<u>U</u>
<u>11141-16-5</u>	<u>Aroclor-1232</u>	<u>210</u>	<u>U</u>
<u>53469-21-9</u>	<u>Aroclor-1242</u>	<u>210</u>	<u>U</u>
<u>12672-29-6</u>	<u>Aroclor-1248</u>	<u>210</u>	<u>U</u>
<u>11097-69-1</u>	<u>Aroclor-1254</u>	<u>380</u>	
<u>11096-82-5</u>	<u>Aroclor-1260</u>	<u>210</u>	<u>U</u>

0185

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEETLab Name: IEA-CT Contract: _____ Client ID: RB-3Lab Code: IEACT Case No.: 0919A SDG No.: A0919Matrix: (soil/water) :WATER Lab Sample ID: 980919A-20Sample wt/vol: 1000 (g/ml) ML Lab File ID: A5417147% Moisture: _____ decanted: (Y/N) _____ Date Received : 04/23/98Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 04/24/98Concentrated Extract Volume:10000 (uL) Date Analyzed : 05/01/98Injection Volume: 1.0 (uL) Dilution Factor: 1.0GPC Cleanup: (Y/N)N pH: _____ Sulfur Cleanup: (Y/N)NCAS NO. COMPOUND CONCENTRATION UNITS: Q
(ug/L or ug/Kg) UG/L

<u>12674-11-2</u>	<u>Aroclor-1016</u>	<u>1.0</u>	<u>U</u>
<u>11104-28-2</u>	<u>Aroclor-1221</u>	<u>2.0</u>	<u>U</u>
<u>11141-16-5</u>	<u>Aroclor-1232</u>	<u>1.0</u>	<u>U</u>
<u>53469-21-9</u>	<u>Aroclor-1242</u>	<u>1.0</u>	<u>U</u>
<u>12672-29-6</u>	<u>Aroclor-1248</u>	<u>1.0</u>	<u>U</u>
<u>11097-69-1</u>	<u>Aroclor-1254</u>	<u>1.0</u>	<u>U</u>
<u>11096-82-5</u>	<u>Aroclor-1260</u>	<u>1.0</u>	<u>U</u>

Appendix D

Support Documentation

SOIL PESTICIDE SURROGATE RECOVERY

Lab Name: IEA-CT Contract: _____Lab Code: IEACT Case No.: 0922A SDG No.: A0922GC Column: DB-1701 ID: 0.53 (mm)

	SAMPLE NO.	TCX %REC	#	DCB %REC	#	OTHER %REC	#	OTHER %REC	#	TOT OUT
01	PBLK38	103		90						0
02	PBLK38QC	100		86						0
03	CDAA-005	83		94						0
04	CDAA-006	97		106						0
05	CDAA-001		D		D					0
06	CDAA-002		D		D					0
07	CDAA-003		D		D					0
08	CDAA-004		D		D					0
09	CDAA-007	122		122						0
10	CDAA-008	142		194D						0
11	CDAA-009	114		108						0
12	CDAA-010	149		199D						0
13	CDAA-011		D		D					0
14	CDAA-001MS		D		D					0
15	CDAA-001MSD		D		D					0
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										

ADVISORY
QC LIMITSTCX = Tetrachloro-m-xylene (47-150)
DCB = Decachlorobiphenyl (41-149)# Column to be used to flag recovery values
* Values outside of QC limits
D Surrogate diluted outpage 1 of 1.FORM II PEST-2
GC-8081:rev 1.0

0007

2F
SOIL PESTICIDE SURROGATE RECOVERY

Lab Name: IEA-CT Contract: _____

Lab Code: IEACT Case No.: 0921A SDG No.: A0921

GC Column: DB-1701 ID: 0.53 (mm)

	SAMPLE NO.	TCX %REC	#	DCB %REC	#	OTHER %REC	#	OTHER %REC	#	TOT OUT
01	PBLK45	120		106						0
02	PBLK45QC	96		95						0
03	CDBB-001	327D		136						0
04	CDBB-002	884D		130						0
05	CDBB-006	101		(202D)						0
06	CDBB-007	94		118						0
07	CDBB-009	109		123						0
08	CDBB-010	84		110						0
09	CDBB-011	86		118						0
10	CDBB-012	90		86						0
11	CDBB-014	109		115						0
12	CDBB-001MS	(D)		(167D)						0
13	CDBB-001MSD	(277D)		135						0
14	CDBB-003	94		134						0
15	CDBB-004	141		(172D)						0
16	CDBB-005	92		94						0
17	CDBB-008	85		(155D)						0
18	CDBB-013	79		103						0
19	CDBB-015	82		90						0
20	CDBB-016	90		101						0
21	CDBB-017	71		122						0
22	CDBB-018	111		134						0
23	CDBB-019	87		113						0
24	CDBB-020	110		(150D)						0
25										
26										
27										
28										
29										
30										

ADVISORY
QC LIMITS
(47-150)
(41-149)

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

Column to be used to flag recovery values
* Values outside of QC limits
D Surrogate diluted out

page 1 of 1.

FORM II PEST-2
GC-8081:rev 1.0

2F
SOIL PESTICIDE SURROGATE RECOVERY

0007

Lab Name: IEA-CT Contract: _____Lab Code: IEACT Case No.: 0920A SDG No.: A0920GC Column: DB-1701 ID:0.53 (mm)

	SAMPLE NO.	TCX %REC	#	DCB %REC	#	OTHER %REC	#	OTHER %REC	#	TOT OUT
01	PBLK41	100		96						0
02	PBLK41QC	96		83						0
03	CDY-011	112		126						0
04	CDY-016	76		83						0
05	CDY-001	91		96						0
06	CDY-002	132		124						0
07	CDY-003	300D	✓	122						0
08	CDY-004	D	✓	D	✓					0
09	CDY-005	107		137						0
10	CDY-006	107		1134D	✓					0
11	CDY-007	99		208D	✓					0
12	CDY-008	139		150D	✓					0
13	CDY-012	102		124						0
14	CDY-013	256D	✓	134						0
15	CDY-014	100		145						0
16	CDY-019	90		145						0
17	CDY-001MS	97		123						0
18	CDY-001MSD	91		107						0
19	CDY-009	81		125						0
20	CDY-010	98		134						0
21	CDY-015	86		149						0
22	CDY-017	89		218D	✓					0
23	CDY-018	81		127						0
24	CDY-020	84		106						0
25										
26										
27										
28										
29										
30										

ADVISORY
QC LIMITS
TCX = Tetrachloro-m-xylene (47-150)
DCB = Decachlorobiphenyl (41-149)# Column to be used to flag recovery values
* Values outside of QC limits
D Surrogate diluted outpage 1 of 1.FORM II PEST-2
GC-8081:rev 1.0

2F
SOIL-PESTICIDE SURROGATE RECOVERY

0009

Lab Name: IEA-CT Contract: _____Lab Code: IEACT Case No.: 0919A SDG No.: A0919GC Column: DB-1701 ID: 0.53 (mm)

	SAMPLE NO.	TCX %REC	#	DCB %REC	#	OTHER %REC	#	OTHER %REC	#	TOT OUT
01	PBLK40	71		68						0
02	PBLK40QC	73		68						0
03	CDZ-001MS		115		107					0
04	CDZ-002		81		82					0
05	CDZ-003		78		82					0
06	CDZ-001		97		80					0
07	CDZ-001MSD		101		114					0
08	CDZ-004		72		80					0
09	CDZ-005		69		61					0
10	CDZ-006		94		114					0
11	CDZ-007		72		79					0
12	CDZ-008		106		113					0
13	CDZ-009		61		364D✓					0
14	CDZ-010		96		138					0
15	CDZ-011		74		80					0
16	CDZ-012		71		87					0
17	CDZ-013		68		74					0
18	CDZ-014		104		108					0
19	CDZ-015		96		106					0
20	CDZ-016		85		89					0
21	CDZ-017		93		88					0
22	CDZ-018		76		79					0
23	CDZ-019		96		76					0
24										
25										
26										
27										
28										
29										
30										

ADVISORY
QC LIMITS
(47-150)
(41-149)TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl# Column to be used to flag recovery values
* Values outside of QC limits
D Surrogate diluted outpage 1 of 1.FORM II PEST-2
GC-8081:rev 1.0

2E
WATER PESTICIDE SURROGATE RECOVERY

0010

Lab Name: IEA-CT Contract: _____

Lab Code: IEACT Case No.: 0919A SDG No.: A0919

GC Column: DB-1701 ID: 0.53 (mm)

	SAMPLE NO.	TCX %REC	#	DCB %REC	#	OTHER %REC	#	OTHER %REC	#	TOT OUT
01	PBLK39	66		49						0
02	RB-3	66		26*						1
03										
04										
05										
06										
07										
08										
09										
10										
11										
12										
13										
14										
15										
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27										
28										
29										
30										

ADVISORY
QC LIMITS

TCX = Tetrachloro-m-xylene (11-153)
DCB = Decachlorobiphenyl (35-117)

Column to be used to flag recovery values

* Values outside of QC limits

D Surrogate diluted out

page 1 of 1.

FORM II PEST-1
GC-8081:rev 1.0

SOIL PCB MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

0011

3F

Lab Name: IEA-CT Contract: _____Lab Code: IEACT Case No.: 0919A SDG No.: A0919Matrix Spike - Sample No.: CDZ-001 Conc. Units : UG/KG

	SPIKE ADDED	SAMPLE CONC	MS CONC	MS %REC	#	MSD CONC	MSD %REC	#	%RPD	#	QC	LIMITS
Aroclor-1254	430	380	350	-7*		460	19*		433*		50	30-150

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 1 out of 1 outside limitsSpike Recovery: 2 out of 2 outside limits

COMMENTS: _____

0008

3F

SOIL PCB MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: IEA-CT Contract: _____Lab Code: IEACT Case No.: 0920A SDG No.: A0920Matrix Spike - Sample No.: CDY-001 Conc. Units : UG/KG

	SPIKE ADDED	SAMPLE CONC	MS CONC	MS %REC #	MSD CONC	MSD %REC #	%RPD #	QC RPD	LIMITS REC.
Aroclor-1254	410	590	770	44	660	17*	88*	50	30-150

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 1 out of 1 outside limitsSpike Recovery: 1 out of 2 outside limits

COMMENTS: _____



END OF DATA PACKAGE



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SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019

DATA QUALITY OBJECTIVE

**DOCUMENT CONTROL NO.: START-02-F-01793
CORNELL DUBILIER ELECTRONICS
PROJECT NO.: 2523**

**SAMPLING DATE APRIL 23, 1998
SDG NOs.: CDCC-001, CDDD-001, CDEE-001 & CDEE-021**

**REPORTED BY
ROY F. WESTON, INC.**

REVIEWED BY: Zohreh Hamid

**Zohreh Hamid, Ph.D.
Senior Chemist**

6-8-98

Date





Site ID: Cornell Dubilier Electronics
Sampling Events: 4-23-1998

Page 2

HOLDING TIME

All samples were extracted/analyzed within the Region II requirements.

CALIBRATIONS

Aroclor-1660 was analyzed as continuing calibration. The %Ds were within the control limits of less than 15% in all standards with the exception of %Ds for four calibration standards analyzed on the secondary column (DB1701). The recovery met the control limit on column RTX-35, also; this compound was not detected in the samples. Therefore, the data were not qualified.

BLANK ANALYSIS

The preparation blanks, reagent blank, and calibration blanks were free of target compounds.

MATRIX SPIKE/SPIKE DUPLICATE ANALYSIS

The matrix spike/spike duplicate analyses were performed on samples CDCC-001, CDDD-001, CDEE-014 & CDEE-022. The recoveries for spike compound (Ar-1254) in spike sample CDCC-001 were within the control limits of 8-127%. However, no recovery (0.0%) was obtained for the other spike samples. The recovery outliers may be attributed to the high levels of aroclor-1254 and/or non-targeted compounds in the corresponding samples. Therefore, the data were not qualified based on this advisory limit.

The laboratory control sample recoveries were within 80-120%.

DUPLICATE ANALYSIS

Four duplicate sample analyses were performed on samples CDCC-001/018, CDDD-001/020, CDEE-014/024 & CDEE-022/025. The RPD for the positive results in samples CDCC-001 & CDCC-018 was within the control limit of < 50% for the soil sample analysis.

STANDARD RECOVERY

All external standard recoveries and retention times in the initial and continuing calibrations were within the control limits in the primary column.



Site ID: Cornell Dubilier Electronics
Sampling Events: 4-23-98

Page 3

SURROGATE RECOVERIES

The surrogate recoveries for TCX and DCB were within the control limits of 60-150% with the exception of the following:

Surrogate Recovery Outliers		
Sample ID	TCX % Recovery	DCB % Recovery
CDCC-002	59	
CDCC-003		210
CDCC-004		202
CDCC-005		162
CDCC-006		157
CDCC-010	55	
CDCC-015		155
CDCC-017	59	
CDCC-013		348
CDCC-012		170
CDDD-001/MS/MSD		0D
CDDD-004	0D	0D
CDDD-007		0D
CDDD-008	0D	0D
CDDD-011	0D	0D
CDDD-014		156
CDDD-016	0D	0D
CDDD-017		156
CDDD-029	0D	0D
CDEE-001		151
CDEE-004	28	56
CDEE-007		237
CDEE-008		365
CDEE-009		260
CDEE-013		204
CDEE-017		202
PB812		50

D= Diluted out

The positive results for the samples with a high surrogate recovery were qualified estimated. Also, the detected values for the samples with the diluted surrogate compounds were considered biased low and qualified "J" on the data summary. The non-detected values were not qualified based on the above outliers, since the surrogate recoveries were above 10%.



Site ID: Cornell Dubilier Electronics
Sampling Events: 4-23-97

Page 4

SAMPLE RESULTS

The result and non-detected values for sample CDCC-010 were qualified estimated. Since this sample was inadvertently analyzed at a five-fold dilution, the reported data are considered biased low.

The non-detected value for aroclor-1254 in sample CDCC-013 was rejected. It is the validator's opinion that, one of the multi-peaks in the chromatogram was obscured by non-target compound. This sample should be re-integrated and calculated based on the other column, or diluted and reanalyzed.

The review of the sample chromatograms demonstrated a pattern of aroclor-1254 peaks. This compound was not reported on the most samples analyzed under SDG number CDDD-001. The non-detected values were qualified estimated.

Due to the sample background contamination, the positive results for samples analyzed under SDG numbers CDCC-001, CDDD-001, CDEE-001 & CDEE-021 were qualified estimated. The results were considered biased high because of the interference of non-target compound peak with one or two peaks in the aroclor-1254 pattern.

The result and the non-detected values for sample CDEE-011 were qualified estimated since the percent moisture exceeded 50%.

Most of the samples were analyzed at higher dilution due to the high levels of aroclor-1254 and/or non-target compounds. The sample results were not qualified for the samples analyzed up to 5-fold dilution. However, the results and non-detected values for aroclor-1254 were qualified estimated for the samples analyzed at above five-fold dilution.

DATA COMPLETENESS

The GPC, sulfuric acid/permanganate and/or florisil clean up was not performed, and the corresponding forms were not included in the data package.

Form X was not included in these data package. Also, the results from the secondary column were not calculated/reported.

The form VI-Pest 3 for the response factors of five point calibration analysis for aroclor-1260 performed on 10-6-97 was the same as the response factors listed for the analysis dated 5-5-98. The data was not impacted, since the corrected form was found under SDG # CDDD-001 and included on Appendix D of this data review package.



Cornell Dubilier Electronics
Sampling Events: 4-23-98

Page 5

The analysis time for aroclor-1242 listed on form VIII (20:35) did not match the time (20:30) listed on the chromatogram.

Page 208 for SDG # CDEE-001 is illegible.

The chromatogram for aroclor-1254C analyzed on 5-8-98 @ 2:44 on column DB1701 was missing.

The case narrative acknowledged the receipt of sixty-two (62) soil samples. However, sixty-three (63) samples were analyzed/reported.

Sample CDDD-014 had a surrogate outlier. This sample was not listed on the case narrative.

The data quality was not impacted by lack of the above documents/ information.

SUMMARY

The cooler temperature was within the control limits. The analysis data packages were not formatted based on the CLP data package deliverable. The results from the secondary column were not reported. The data for Aroclor-1254 for most samples were qualified estimated due to the sample background contamination. However, major problems were not encountered during the sample analyses. The minor issues have been discussed. The reported data were summarized on the data summary with the applied qualifier codes.

- 1. Appendix A- Glossary of Data Qualifier**
- 2. Appendix B- Data Summary Forms**
- 3. Appendix C- Laboratory Results**
- 4. Appendix D - Support Documentation**

Appendix A

Glossary of Data Qualifier



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SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019

GLOSSARY OF DATA QUALIFIERS

CODES RELATING TO IDENTIFICATION

(confidence concerning presence or absence of compounds):

- U** = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS.
[Substantially is equivalent to a result less than 10 times the blank level for common contaminants (methylene chloride, acetone and 2- butanone in the VOA analyses, and common phthalates in the BNA analyses, along with tentatively identified compounds) or less than 5 times the blank level for other target compounds.]
- R** = UNUSABLE RESULT. THE PRESENCE OR ABSENCE OF THIS ANALYTE CANNOT BE VERIFIED. SUPPORTING DATA NECESSARY TO CONFIRM RESULT.
- N** = NEGATED COMPOUND. THERE IS PRESUMPTIVE EVIDENCE TO MAKE A TENTATIVE IDENTIFICATION.

CODES RELATING TO QUATITATION

(can be used for both positive results and sample quantitation limits):

- J** = ANALYTE WAS POSITIVELY IDENTIFIED. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE.
- UJ** = ANALYTE WAS NOT DETECTED. THE REPORTED QUATITATION LIMIT IS QUALIFIED ESTIMATED.

OTHER CODES

- Q** = NO ANALYTICAL RESULT.

Appendix B
Data Summary Forms

Polychlorinated Biphenyl (PCB) Analysis
Data summary

Site ID: Cornell - Dubilier Electronics

Laboratory Name: IEA

Case No.: 2523

SDG No.: CDCC-001

Units: ug/kg

Sampling Date: April 23, 1998

PM: Michael Mahnkopf

DCN: START-02-F-01793

Matrix	Soil	Soil								
Client ID #	CDCC -001	CDCC - 002	CDCC - 003	CDCC - 004	CDCC - 005	CDCC - 006	CDCC - 007	CDCC - 008	CDCC - 009	
Lab ID #	L10483-001	L10483-002	L10483-003	L10483-004	L10483-005	L10483-006	L10483-007	L10483-008	L10483-009	
Percent Moisture	23	21	21	19	22	22	22	23	24	
Dilution Factor	1	1	1	2	5	5	5	2	5	
PCB	MDL ug/kg									
Aroclor-1016	80	U	U	U	U	U	U	U	U	
Aroclor-1221	80	U	U	U	U	U	U	U	U	
Aroclor-1232	80	U	U	U	U	U	U	U	U	
Aroclor-1242	80	U	U	U	U	U	U	U	U	
Aroclor-1248	80	U	U	U	U	U	U	U	U	
Aroclor-1254	160	940 J	1600 J	600 J	2200 J	1400 J	1200 J	1200 J	1700 J	1800 J
Aroclor-1260	160	U	U	U	U	U	U	U	U	U

Remark

Matrix	Soil	Soil								
Client ID #	CDCC - 010	CDCC - 011	CDCC - 012	CDCC - 013	CDCC - 014	CDCC - 015	CDCC - 016	CDCC - 017	CDCC - 018	
Lab ID #	L10483-010	L10483-011	L10483-012	L10483-013	L10483-014	L10483-015	L10483-016	L10483-017	L10483-018	
Percent Moisture	27	22	22	17	23	22	22	23	23	
Dilution Factor	5	5	2	1	1	2	2	2	2	
PCB	MDL ug/kg									
Aroclor-1016	80	UJ	U	U	U	U	U	U	U	
Aroclor-1221	80	UJ	U	U	U	U	U	U	U	
Aroclor-1232	80	UJ	U	U	U	U	U	U	U	
Aroclor-1242	80	UJ	U	U	U	U	U	U	U	
Aroclor-1248	80	UJ	U	U	U	U	U	U	U	
Aroclor-1254	160	1000 J	1300 J	2500 J	R	800 J	1000 J	1100 J	1600 J	900 J
Aroclor-1260	160	UJ	U	U	U	U	U	U	U	U

Field Dup

Polychlorinated Biphenyl (PCB) Analysis
Data summary

Site ID: Cornell - Dubilier Electronics

Laboratory Name: IEA

Case No.: 2523

SDG No.: CDDD-001

Units: ug/kg

Sampling Date: April 23, 1998

PM: Michael Mahnkopf

DCN: START-02-F-01793

Matrix	Soil									
Client ID #	CDDD -001	CDDD - 002	CDDD - 003	CDDD - 004	CDDD - 005	CDDD - 006	CDDD - 007	CDDD - 008	CDDD - 009	CDDD - 009
Lab ID #	L10486-001	L10486-002	L10486-003	L10486-004	L10486-005	L10486-006	L10486-007	L10486-008	L10486-009	L10486-009
Percent Moisture	24	24	25	24	30	23	27	22	26	
Dilution Factor	10	5	5	50	5	5	10	50	5	
PCB	MDL ug/kg									
Aroclor-1016	80	U	U	U	U	U	U	U	U	U
Aroclor-1221	80	U	U	U	U	U	U	U	U	U
Aroclor-1232	80	U	U	U	U	U	U	U	U	U
Aroclor-1242	80	U	U	U	U	U	U	U	U	U
Aroclor-1248	80	U	U	U	U	U	U	U	U	U
Aroclor-1254	160	UJ	UJ	UJ	60000 J	4600 J	UJ	UJ	UJ	UJ
Aroclor-1260	160	U	U	U	U	U	U	U	U	U

Remark

Matrix	Soil									
Client ID #	CDDD - 010	CDDD - 011	CDDD - 012	CDDD - 013	CDDD - 014	CDDD - 015	CDDD - 016	CDDD - 017	CDDD - 018	CDDD - 018
Lab ID #	L10486-010	L10486-011	L10486-012	L10486-013	L10486-014	L10486-015	L10486-016	L10486-017	L10486-018	L10486-018
Percent Moisture	22	21	10	21	21	27	21	24	26	
Dilution Factor	5	50	1	10	5	5	20	5	5	
PCB	MDL ug/kg									
Aroclor-1016	80	U	U	U	U	U	U	U	U	U
Aroclor-1221	80	U	U	U	U	U	U	U	U	U
Aroclor-1232	80	U	U	U	U	U	U	U	U	U
Aroclor-1242	80	U	U	U	U	U	U	U	U	U
Aroclor-1248	80	U	U	U	U	U	U	U	U	U
Aroclor-1254	160	UJ								
Aroclor-1260	160	U	U	U	U	U	U	U	U	U

Remark

**Polychlorinated Biphenyl (PCB) Analysis
Data summary**

Site ID: Cornell - Dubilier Electronics

Laboratory Name: IEA

Case No.: 2523

SDG No.: CDDD-001

Units: ug/kg

Sampling Date: April 23, 1998

PM: Michael Mahnkopf

DCN: START-02-F-01793

Matrix	Soil	Soil									
Client ID #	CDDD - 019	CDDD - 020									
Lab ID #	L10486-019	L10486-020									
Percent Moisture	22	24									
Dilution Factor	1	20									
PCB	MDL ug/kg										
Aroclor-1016	80	U	U								
Aroclor-1221	80	U	U								
Aroclor-1232	80	U	U								
Aroclor-1242	80	U	U								
Aroclor-1248	80	U	U								
Aroclor-1254	160	1400 J	UJ								
Aroclor-1260	160	U	U								

Remark

Field Dup

Polychlorinated Biphenyl (PCB) Analysis
Data summary

Site ID: Cornell - Düblier Electronics

Laboratory Name: IEA

Case No.: 2523

SDG No.: CDEE-001

Units: ug/kg

Sampling Date: April 23, 1998

PM: Michael Mahnkopf

DCN: START-02-F-01793

Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Client ID #	CDEE -001 L10488-001	CDEE - 002 L10488-002	CDEE - 003 L10488-003	CDEE - 004 L10488-004	CDEE - 005 L10488-005	CDEE - 006 L10488-006	CDEE - 007 L10488-007	CDEE - 008 L10488-008	CDEE - 009 L10488-009	
Lab ID #										
Percent Moisture	20	12	16	17	15	22	39	24	21	
Dilution Factor	1	1	1	1	1	1	1	1	1	
PCB	MDL ug/kg									
Aroclor-1016	80	U	U	U	U	U	U	U	U	U
Aroclor-1221	80	U	U	U	U	U	U	U	U	U
Aroclor-1232	80	U	U	U	U	U	U	U	U	U
Aroclor-1242	80	U	U	U	U	U	U	U	U	U
Aroclor-1248	80	U	U	U	U	U	U	U	U	U
Aroclor-1254	160	U	U	U	U	U	830 J	1500 J	1300 J	1100 J
Aroclor-1260	160	U	U	U	U	U	U	U	U	U

Remark

Matrix	Soil	Soil								
Client ID #	CDEE - 010 L10488-010	CDEE - 011 L10488-011	CDEE - 012 L10488-012	CDEE - 013 L10488-013	CDEE - 014 L10488-014	CDEE - 015 L10488-015	CDEE - 016 L10488-016	CDEE - 017 L10488-017	CDEE - 018 L10488-018	
Lab ID #										
Percent Moisture	16	52	18	1	1	16	25	14	26	
Dilution Factor	1	1	1	1	1	1	1	1	1	
PCB	MDL ug/kg									
Aroclor-1016	80	U	UJ	U	U	U	U	U	U	U
Aroclor-1221	80	U	UJ	U	U	U	U	U	U	U
Aroclor-1232	80	U	UJ	U	U	U	U	U	U	U
Aroclor-1242	80	U	UJ	U	U	U	U	U	U	U
Aroclor-1248	80	U	UJ	U	U	U	U	U	U	U
Aroclor-1254	160	U	UJ	U	330 J	U	U	U	U	850 J
Aroclor-1260	160	U	UJ	U	U	U	U	U	U	U

Remark

**Polychlorinated Biphenyl (PCB) Analysis
Data summary**

Site ID: Cornell - Dubilier Electronics
Laboratory Name: IEA
Case No.: 2523
SDG No.: CDEE-001
Units: ug/kg

Sampling Date: April 23, 1998
PM: Michael Mahnkopf
DCN: START-02-F-01793

Matrix		Soil	Soil								
Client ID #		CDEE - 019	CDEE - 020								
Lab ID #		L10488-019	L10488-020								
Percent Moisture		20	19								
Dilution Factor		1	1								
PCB	MDL ug/kg										
Aroclor-1016	80	U	U								
Aroclor-1221	80	U	U								
Aroclor-1232	80	U	U								
Aroclor-1242	80	U	U								
Aroclor-1248	80	U	U								
Aroclor-1254	160	510 J	260 J								
Aroclor-1260	160	U	U								

Remark

**Polychlorinated Biphenyl (PCB) Analysis
Data summary**

Site ID: Cornell - Dubilier Electronics

Laboratory Name: IEA

Case No.: 2523

SDG No.: CDEE-021

Units: ug/kg

Sampling Date: April 23, 1998

PM: Michael Mahnkopf

DCN: START-02-F-01793

Matrix	Soil	Soil	Soil	Soil	Soil	Soil				
Client ID #	CDEE -021	CDEE - 022	CDEE - 023	CDEE - 024	CDEE - 025	CDEE - 025				
Lab ID #	L10489-021	L10489-022	L10489-023	L10489-024	L10489-025					
Percent Moisture	18	20	22	18	20					
Dilution Factor	1	1	1	5	1					
PCB	MDL ug/kg									
Aroclor-1016	80	U	U	U	U	U				
Aroclor-1221	80	U	U	U	U	U				
Aroclor-1232	80	U	U	U	U	U				
Aroclor-1242	80	U	U	U	U	U				
Aroclor-1248	80	U	U	U	U	U				
Aroclor-1254	160	540 J	U	300 J	U	U				
Aroclor-1260	160	U	U	U	U	U				

Remark

Duplicate

Duplicate

**Polychlorinated Biphenyl (PCB) Analysis
Data summary**

Site ID: Cornell - Dubilier Electronics

Laboratory Name: IEA

Case No.: 2523

SDG No.: CDEE-021

Units: ug/l

Sampling Date: April 23, 1998

PM: Michael Mahnkopf

DCN: START-02-F-01793

Matrix	Water	RB-4									
Client ID #											
Lab ID #		L10489-006									
Percent Moisture											
Dilution Factor		1									
PCB	MDL ug/L										
Aroclor-1016	0.50	U									
Aroclor-1221	0.50	U									
Aroclor-1232	0.50	U									
Aroclor-1242	0.50	U									
Aroclor-1248	0.50	U									
Aroclor-1254	1.0	U									
Aroclor-1260	1.0	U									

Remark

Reagent Blk.

Appendix C
Laboratory Reported Result

1D
SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDCC-001

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDCC001

Matrix: (soil/water) SOIL Lab Sample ID: L10483-001

Sample wt/vol: 30.2 (g/mL) G Lab File ID: PA043098_005.D

% Moisture: 23 decanted: (Y/N) N Date Received: 04/24/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/27/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/30/98

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Q

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2-----	Aroclor-1016	100	U
11104-28-2-----	Aroclor-1221	100	U
11141-16-5-----	Aroclor-1232	100	U
53469-21-9-----	Aroclor-1242	100	U
12672-29-6-----	Aroclor-1248	100	U
11097-69-1-----	Aroclor-1254	940	U
11096-82-5-----	Aroclor-1260	210	J

1D
SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDCC-002

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDCC001

Matrix: (soil/water) SOIL Lab Sample ID: L10483-002

Sample wt/vol: 30.2 (g/mL) G Lab File ID: PA043098_008.D

% Moisture: 21 decanted: (Y/N) N Date Received: 04/24/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/27/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/30/98

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Q

CAS NO.	COMPOUND			
12674-11-2-----	Aroclor-1016	100	U	
11104-28-2-----	Aroclor-1221	100	U	
11141-16-5-----	Aroclor-1232	100	U	
53469-21-9-----	Aroclor-1242	100	U	
12672-29-6-----	Aroclor-1248	100	U	
11097-69-1-----	Aroclor-1254	1600		J
11096-82-5-----	Aroclor-1260	200	U	

1D
SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDCC-003

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDCC001

Matrix: (soil/water) SOIL Lab Sample ID: L10483-003

Sample wt/vol: 30.1 (g/mL) G Lab File ID: PA043098_009.D

% Moisture: 21 decanted: (Y/N) N Date Received: 04/24/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/27/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/30/98

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
---------	----------	-----------------	-------	---

12674-11-2-----	Aroclor-1016		100	U
11104-28-2-----	Aroclor-1221		100	U
11141-16-5-----	Aroclor-1232		100	U
53469-21-9-----	Aroclor-1242		100	U
12672-29-6-----	Aroclor-1248		100	U
11097-69-1-----	Aroclor-1254		600	
11096-82-5-----	Aroclor-1260		200	U

1D
SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

CDCC-004

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDCC001

Matrix: (soil/water) SOIL Lab Sample ID: L10483-004

Sample wt/vol: 30.1 (g/mL) G Lab File ID: PA043098_010.D

% Moisture: 19 decanted: (Y/N) N Date Received: 04/24/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/27/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/30/98

Injection Volume: 1.0(uL) Dilution Factor: 2.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Q

12674-11-2-----Aroclor-1016		200	U
11104-28-2-----Aroclor-1221		200	U
11141-16-5-----Aroclor-1232		200	U
53469-21-9-----Aroclor-1242		200	U
12672-29-6-----Aroclor-1248		200	U
11097-69-1-----Aroclor-1254		2200	J
11096-82-5-----Aroclor-1260		390	U

1D
SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDCC-005

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDCC001

Matrix: (soil/water) SOIL Lab Sample ID: L10483-005

Sample wt/vol: 30.1 (g/mL) G Lab File ID: PA043098_011.D

% Moisture: 22 decanted: (Y/N) N Date Received: 04/24/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/27/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/30/98

Injection Volume: 1.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	UG/KG	Q
12674-11-2-----	Aroclor-1016	510		U
11104-28-2-----	Aroclor-1221	510		U
11141-16-5-----	Aroclor-1232	510		U
53469-21-9-----	Aroclor-1242	510		U
12672-29-6-----	Aroclor-1248	510		U
11097-69-1-----	Aroclor-1254	1400		
11096-82-5-----	Aroclor-1260	1000		U

1D
SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDCC-006

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDCC001

Matrix: (soil/water) SOIL Lab Sample ID: L10483-006

Sample wt/vol: 30.1 (g/mL) G Lab File ID: PA043098_012.D

% Moisture: 22 decanted: (Y/N) N Date Received: 04/24/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/27/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/30/98

Injection Volume: 1.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	UG/KG	Q
12674-11-2-----	Aroclor-1016	510		U
11104-28-2-----	Aroclor-1221	510		U
11141-16-5-----	Aroclor-1232	510		U
53469-21-9-----	Aroclor-1242	510		U
12672-29-6-----	Aroclor-1248	510		U
11097-69-1-----	Aroclor-1254	1200		
11096-82-5-----	Aroclor-1260	1000		U

1D
SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDCC-007

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDCC001

Matrix: (soil/water) SOIL Lab Sample ID: L10483-007

Sample wt/vol: 30.1 (g/mL) G Lab File ID: PA043098_015.D

% Moisture: 22 decanted: (Y/N) N Date Received: 04/24/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/27/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/30/98

Injection Volume: 1.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	UG/KG	Q
---------	----------	---	-------	---

12674-11-2-----	Aroclor-1016	510	U
11104-28-2-----	Aroclor-1221	510	U
11141-16-5-----	Aroclor-1232	510	U
53469-21-9-----	Aroclor-1242	510	U
12672-29-6-----	Aroclor-1248	510	U
11097-69-1-----	Aroclor-1254	1200	
11096-82-5-----	Aroclor-1260	1000	U

1D
SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDCC-008

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDCC001

Matrix: (soil/water) SOIL

Lab Sample ID: L10483-008

Sample wt/vol: 30.2 (g/mL) G

Lab File ID: PA043098_016.D

% Moisture: 23 decanted: (Y/N) N

Date Received: 04/24/98

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 04/27/98

Concentrated Extract Volume: 10000(uL)

Date Analyzed: 04/30/98

Injection Volume: 1.0(uL)

Dilution Factor: 2.0

GPC Cleanup: (Y/N) N pH: _____

Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	UG/KG	
12674-11-2-----	Aroclor-1016	210	U	
11104-28-2-----	Aroclor-1221	210	U	
11141-16-5-----	Aroclor-1232	210	U	
53469-21-9-----	Aroclor-1242	210	U	
12672-29-6-----	Aroclor-1248	210	U	
11097-69-1-----	Aroclor-1254	1700		J
11096-82-5-----	Aroclor-1260	410	U	

1D
SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

CDCC-009

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDCC001

Matrix: (soil/water) SOIL Lab Sample ID: L10483-009

Sample wt/vol: 30.2 (g/mL) G Lab File ID: PA043098_017.D

% Moisture: 24 decanted: (Y/N) N Date Received: 04/24/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/27/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/30/98

Injection Volume: 1.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	UG/KG Q
12674-11-2-----	Aroclor-1016	520	U
11104-28-2-----	Aroclor-1221	520	U
11141-16-5-----	Aroclor-1232	520	U
53469-21-9-----	Aroclor-1242	520	U
12672-29-6-----	Aroclor-1248	520	U
11097-69-1-----	Aroclor-1254	1800	
11096-82-5-----	Aroclor-1260	1000	U

1D
SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDCC-010

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDCC001

Matrix: (soil/water) SOIL Lab Sample ID: L10483-010

Sample wt/vol: 30.2 (g/mL) G Lab File ID: PA043098_018.D

% Moisture: 27 decanted: (Y/N) N Date Received: 04/24/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/27/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/30/98

Injection Volume: 1.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	UG/KG	Q
12674-11-2-----	Aroclor-1016	540	U	VJ
11104-28-2-----	Aroclor-1221	540	U	VJ
11141-16-5-----	Aroclor-1232	540	U	VJ
53469-21-9-----	Aroclor-1242	540	U	VJ
12672-29-6-----	Aroclor-1248	540	U	VJ
11097-69-1-----	Aroclor-1254	1000	J	J
11096-82-5-----	Aroclor-1260	1100	U	VJ

over diluted

1D
SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDCC-011

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDCC001

Matrix: (soil/water) SOIL Lab Sample ID: L10483-011

Sample wt/vol: 30.2 (g/mL) G

Lab File ID: PA043098_019.D

% Moisture: 22 decanted: (Y/N) N

Date Received: 04/24/98

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 04/27/98

Concentrated Extract Volume: 10000(uL)

Date Analyzed: 04/30/98

Injection Volume: 1.0(uL)

Dilution Factor: 5.0

GPC Cleanup: (Y/N) N pH: _____

Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	UG/KG	Q
---------	----------	---	-------	---

12674-11-2-----	Aroclor-1016	510	U
11104-28-2-----	Aroclor-1221	510	U
11141-16-5-----	Aroclor-1232	510	U
53469-21-9-----	Aroclor-1242	510	U
12672-29-6-----	Aroclor-1248	510	U
11097-69-1-----	Aroclor-1254	1300	
11096-82-5-----	Aroclor-1260	1000	U

1D
SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

CDCC-012

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDCC001
Matrix: (soil/water) SOIL Lab Sample ID: L10483-012
Sample wt/vol: 30.1 (g/mL) G Lab File ID: PA043098_020.D
% Moisture: 22 decanted: (Y/N) N Date Received: 04/24/98
Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/27/98
Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/30/98
Injection Volume: 1.0(uL) Dilution Factor: 2.0
GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	UG/KG	Q
12674-11-2-----	Aroclor-1016	210	U	
11104-28-2-----	Aroclor-1221	210	U	
11141-16-5-----	Aroclor-1232	210	U	
53469-21-9-----	Aroclor-1242	210	U	
12672-29-6-----	Aroclor-1248	210	U	
11097-69-1-----	Aroclor-1254	2500		
11096-82-5-----	Aroclor-1260	390	U	J

1D
SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDCC-013

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDCC001

Matrix: (soil/water) SOIL Lab Sample ID: L10483-013

Sample wt/vol: 30.1 (g/mL) G Lab File ID: PA043098_021.D

% Moisture: 17 decanted: (Y/N) N Date Received: 04/24/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/27/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/30/98

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	UG/KG
12674-11-2-----	Aroclor-1016	96	U
11104-28-2-----	Aroclor-1221	96	U
11141-16-5-----	Aroclor-1232	96	U
53469-21-9-----	Aroclor-1242	96	U
12672-29-6-----	Aroclor-1248	96	U
11097-69-1-----	Aroclor-1254	190	U
11096-82-5-----	Aroclor-1260	190	U

The Chromatogram showed a pattern of aroclor 1254

1D
SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDCC-014

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDCC001

Matrix: (soil/water) SOIL Lab Sample ID: L10483-014

Sample wt/vol: 30.1 (g/mL) G Lab File ID: PA050198_024.D

% Moisture: 23 decanted: (Y/N) N Date Received: 04/24/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/27/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 05/02/98

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

12674-11-2-----Aroclor-1016		100	U
11104-28-2-----Aroclor-1221		100	U
11141-16-5-----Aroclor-1232		100	U
53469-21-9-----Aroclor-1242		100	U
12672-29-6-----Aroclor-1248		100	U
11097-69-1-----Aroclor-1254		800	
11096-82-5-----Aroclor-1260		210	U

1D
SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDCC-015

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDCC001

Matrix: (soil/water) SOIL Lab Sample ID: L10483-015

Sample wt/vol: 30.1 (g/mL) G Lab File ID: PA043098_023.D

% Moisture: 22 decanted: (Y/N) N Date Received: 04/24/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/27/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 05/01/98

Injection Volume: 1.0(uL) Dilution Factor: 2.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	UG/KG	Q
12674-11-2-----	Aroclor-1016	200		U
11104-28-2-----	Aroclor-1221	200		U
11141-16-5-----	Aroclor-1232	200		U
53469-21-9-----	Aroclor-1242	200		U
12672-29-6-----	Aroclor-1248	200		U
11097-69-1-----	Aroclor-1254	1000		
11096-82-5-----	Aroclor-1260	410		U

1D
SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

CDCC-016

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDCC001

Matrix: (soil/water) SOIL Lab Sample ID: L10483-016

Sample wt/vol: 30.1 (g/mL) G Lab File ID: PA050498_037.D

% Moisture: 22 decanted: (Y/N) N Date Received: 04/24/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/27/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 05/05/98

Injection Volume: 1.0(uL) Dilution Factor: 2.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	UG/KG	Q
12674-11-2-----	Aroclor-1016	200	U	
11104-28-2-----	Aroclor-1221	200	U	
11141-16-5-----	Aroclor-1232	200	U	
53469-21-9-----	Aroclor-1242	200	U	
12672-29-6-----	Aroclor-1248	200	U	
11097-69-1-----	Aroclor-1254	1100		J
11096-82-5-----	Aroclor-1260	410		U

1D
SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDCC-017

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDCC001

Matrix: (soil/water) SOIL Lab Sample ID: L10483-017

Sample wt/vol: 30.2 (g/mL) G Lab File ID: PA043098_026.D

% Moisture: 23 decanted: (Y/N) N Date Received: 04/24/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/27/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 05/01/98

Injection Volume: 1.0(uL) Dilution Factor: 2.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	UG/KG	Q
12674-11-2-----	Aroclor-1016	210		U
11104-28-2-----	Aroclor-1221	210		U
11141-16-5-----	Aroclor-1232	210		U
53469-21-9-----	Aroclor-1242	210		U
12672-29-6-----	Aroclor-1248	210		U
11097-69-1-----	Aroclor-1254	1600		J
11096-82-5-----	Aroclor-1260	410		U

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SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDCC-018

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDCC001

Matrix: (soil/water) SOIL Lab Sample ID: L10483-018

Sample wt/vol: 30.2 (g/mL) G Lab File ID: PA050498_038.D

% Moisture: 23 decanted: (Y/N) N Date Received: 04/24/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/27/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 05/05/98

Injection Volume: 1.0(uL) Dilution Factor: 2.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	UG/KG	Q
12674-11-2-----	Aroclor-1016	210		U
11104-28-2-----	Aroclor-1221	210		U
11141-16-5-----	Aroclor-1232	210		U
53469-21-9-----	Aroclor-1242	210		U
12672-29-6-----	Aroclor-1248	210		U
11097-69-1-----	Aroclor-1254	900		
11096-82-5-----	Aroclor-1260	390		U

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SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDDD-001

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDDD001

Matrix: (soil/water) SOIL Lab Sample ID: L10486-001

Sample wt/vol: 30.1 (g/mL) G Lab File ID: PA050798_011.D

% Moisture: 24 decanted: (Y/N) N Date Received: 04/24/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/28/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 05/07/98

Injection Volume: 1.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2-----	Aroclor-1016	1000	U
11104-28-2-----	Aroclor-1221	1000	U
11141-16-5-----	Aroclor-1232	1000	U
53469-21-9-----	Aroclor-1242	1000	U
12672-29-6-----	Aroclor-1248	1000	U
11097-69-1-----	Aroclor-1254	2100	U
11096-82-5-----	Aroclor-1260	2100	U

UJ

1D
SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDDD-002

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDDD001

Matrix: (soil/water) SOIL Lab Sample ID: L10486-002

Sample wt/vol: 30.1 (g/mL) G Lab File ID: PA050698_015.D

% Moisture: 24 decanted: (Y/N) N Date Received: 04/24/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/28/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 05/06/98

Injection Volume: 1.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	UG/KG	Q
12674-11-2-----	Aroclor-1016	520	U	
11104-28-2-----	Aroclor-1221	520	U	
11141-16-5-----	Aroclor-1232	520	U	
53469-21-9-----	Aroclor-1242	520	U	
12672-29-6-----	Aroclor-1248	520	U	
11097-69-1-----	Aroclor-1254	1000	U	
11096-82-5-----	Aroclor-1260	1000	U	vJ

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SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDDD-003

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDDD001

Matrix: (soil/water) SOIL Lab Sample ID: L10486-003

Sample wt/vol: 30.0 (g/mL) G Lab File ID: PA050698_016.D

% Moisture: 25 decanted: (Y/N) N Date Received: 04/24/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/28/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 05/06/98

Injection Volume: 1.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	UG/KG	Q
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12674-11-2-----	Aroclor-1016	530	U
11104-28-2-----	Aroclor-1221	530	U
11141-16-5-----	Aroclor-1232	530	U
53469-21-9-----	Aroclor-1242	530	U
12672-29-6-----	Aroclor-1248	530	U
11097-69-1-----	Aroclor-1254	1100	U
11096-82-5-----	Aroclor-1260	1100	U

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SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

CDDD-004

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDDD001

Matrix: (soil/water) SOIL Lab Sample ID: L10486-004

Sample wt/vol: 30.1 (g/mL) G Lab File ID: PA050798_025.D

% Moisture: 24 decanted: (Y/N) N Date Received: 04/24/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/28/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 05/08/98

Injection Volume: 1.0(uL) Dilution Factor: 50.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG Q		
12674-11-2-----	Aroclor-1016	5200	U	
11104-28-2-----	Aroclor-1221	5200	U	
11141-16-5-----	Aroclor-1232	5200	U	
53469-21-9-----	Aroclor-1242	5200	U	
12672-29-6-----	Aroclor-1248	5200	U	
11097-69-1-----	Aroclor-1254	60000		
11096-82-5-----	Aroclor-1260	10000	U	J

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SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDDD-005

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDDD001

Matrix: (soil/water) SOIL Lab Sample ID: L10486-005

Sample wt/vol: 30.1 (g/mL) G Lab File ID: PA050698_018.D

% Moisture: 30 decanted: (Y/N) N Date Received: 04/24/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/28/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 05/06/98

Injection Volume: 1.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:		
		(ug/L or ug/Kg)	UG/KG	Q
12674-11-2-----	Aroclor-1016	570		U
11104-28-2-----	Aroclor-1221	570		U
11141-16-5-----	Aroclor-1232	570		U
53469-21-9-----	Aroclor-1242	570		U
12672-29-6-----	Aroclor-1248	570		U
11097-69-1-----	Aroclor-1254	4600		
11096-82-5-----	Aroclor-1260	1100		U

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SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDDD-006

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDDD001

Matrix: (soil/water) SOIL Lab Sample ID: L10486-006

Sample wt/vol: 30.2 (g/mL) G Lab File ID: PA050698_021.D

% Moisture: 23 decanted: (Y/N) N Date Received: 04/24/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/28/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 05/06/98

Injection Volume: 1.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	UG/KG	Q
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12674-11-2-----	Aroclor-1016	520	U
11104-28-2-----	Aroclor-1221	520	U
11141-16-5-----	Aroclor-1232	520	U
53469-21-9-----	Aroclor-1242	520	U
12672-29-6-----	Aroclor-1248	520	U
11097-69-1-----	Aroclor-1254	1000	U
11096-82-5-----	Aroclor-1260	1000	U

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SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDDD-007

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDDD001

Matrix: (soil/water) SOIL Lab Sample ID: L10486-007

Sample wt/vol: 30.1 (g/mL) G Lab File ID: PA050798_013.D

% Moisture: 27 decanted: (Y/N) N Date Received: 04/24/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/28/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 05/07/98

Injection Volume: 1.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	UG/KG	Q
12674-11-2-----	Aroclor-1016	1100	U	
11104-28-2-----	Aroclor-1221	1100	U	
11141-16-5-----	Aroclor-1232	1100	U	
53469-21-9-----	Aroclor-1242	1100	U	
12672-29-6-----	Aroclor-1248	1100	U	
11097-69-1-----	Aroclor-1254	2200	U	
11096-82-5-----	Aroclor-1260	2200	U	UJ

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SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDDD-008

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDDD001

Matrix: (soil/water) SOIL

Lab Sample ID: L10486-008

Sample wt/vol: 30.2 (g/mL) G

Lab File ID: PA050798_014.D

% Moisture: 22 decanted: (Y/N) N

Date Received: 04/24/98

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 04/28/98

Concentrated Extract Volume: 10000(uL)

Date Analyzed: 05/07/98

Injection Volume: 1.0(uL)

Dilution Factor: 50.0

GPC Cleanup: (Y/N) N pH: _____

Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	UG/KG	
12674-11-2-----	Aroclor-1016	5100		U
11104-28-2-----	Aroclor-1221	5100		U
11141-16-5-----	Aroclor-1232	5100		U
53469-21-9-----	Aroclor-1242	5100		U
12672-29-6-----	Aroclor-1248	5100		U
11097-69-1-----	Aroclor-1254	10000		U
11096-82-5-----	Aroclor-1260	10000		U

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SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDDD-009

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDDD001

Matrix: (soil/water) SOIL Lab Sample ID: L10486-009

Sample wt/vol: 30.2 (g/mL) G Lab File ID: PA050698_024.D

% Moisture: 26 decanted: (Y/N) N Date Received: 04/24/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/28/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 05/07/98

Injection Volume: 1.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

12674-11-2-----	Aroclor-1016	540	U
11104-28-2-----	Aroclor-1221	540	U
11141-16-5-----	Aroclor-1232	540	U
53469-21-9-----	Aroclor-1242	540	U
12672-29-6-----	Aroclor-1248	540	U
11097-69-1-----	Aroclor-1254	1100	U
11096-82-5-----	Aroclor-1260	1100	U

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SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDDD-010

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDDD001

Matrix: (soil/water) SOIL Lab Sample ID: L10486-010

Sample wt/vol: 30.1 (g/mL) G Lab File ID: PA050698_025.D

% Moisture: 22 decanted: (Y/N) N Date Received: 04/24/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/28/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 05/07/98

Injection Volume: 1.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

12674-11-2-----	Aroclor-1016	510	U
11104-28-2-----	Aroclor-1221	510	U
11141-16-5-----	Aroclor-1232	510	U
53469-21-9-----	Aroclor-1242	510	U
12672-29-6-----	Aroclor-1248	510	U
11097-69-1-----	Aroclor-1254	1000	U
11096-82-5-----	Aroclor-1260	1000	U

VJ

1D
SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDDD-011

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDDD001

Matrix: (soil/water) SOIL Lab Sample ID: L10486-011

Sample wt/vol: 30.1 (g/mL) G Lab File ID: PA050798_015.D

% Moisture: 21 decanted: (Y/N) N Date Received: 04/24/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/28/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 05/07/98

Injection Volume: 1.0(uL) Dilution Factor: 50.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	UG/KG	Q
12674-11-2-----	Aroclor-1016	5000	U	
11104-28-2-----	Aroclor-1221	5000	U	
11141-16-5-----	Aroclor-1232	5000	U	
53469-21-9-----	Aroclor-1242	5000	U	
12672-29-6-----	Aroclor-1248	5000	U	
11097-69-1-----	Aroclor-1254	10000	U	
11096-82-5-----	Aroclor-1260	10000	U	VJ

1D
SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

CDDD-012

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDDD001

Matrix: (soil/water) SOIL Lab Sample ID: L10486-012

Sample wt/vol: 30.2 (g/mL) G Lab File ID: PA050798-016.D

% Moisture: 10 decanted: (Y/N) N Date Received: 04/24/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/28/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 05/08/98

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	UG/KG	Q
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12674-11-2-----	Aroclor-1016	88	U	
11104-28-2-----	Aroclor-1221	88	U	
11141-16-5-----	Aroclor-1232	88	U	
53469-21-9-----	Aroclor-1242	88	U	
12672-29-6-----	Aroclor-1248	88	U	
11097-69-1-----	Aroclor-1254	180	U	
11096-82-5-----	Aroclor-1260	180	U	VJ

1D
SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDDD-013

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDDD001

Matrix: (soil/water) SOIL

Lab Sample ID: L10486-013

Sample wt/vol: 30.1 (g/mL) G

Lab File ID: PA050798_017.D

% Moisture: 21 decanted: (Y/N) N

Date Received: 04/24/98

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 04/28/98

Concentrated Extract Volume: 10000(uL)

Date Analyzed: 05/08/98

Injection Volume: 1.0(uL)

Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: _____

Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	UG/KG	
12674-11-2-----	Aroclor-1016	1000	U	
11104-28-2-----	Aroclor-1221	1000	U	
11141-16-5-----	Aroclor-1232	1000	U	
53469-21-9-----	Aroclor-1242	1000	U	
12672-29-6-----	Aroclor-1248	1000	U	
11097-69-1-----	Aroclor-1254	2000	U	VJ
11096-82-5-----	Aroclor-1260	2000	U	

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SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDDD-014

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDDD001

Matrix: (soil/water) SOIL

Lab Sample ID: L10486-014

Sample wt/vol: 30.2 (g/mL) G

Lab File ID: PA050698_029.D

% Moisture: 21 decanted: (Y/N) N

Date Received: 04/24/98

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 04/28/98

Concentrated Extract Volume: 10000(uL)

Date Analyzed: 05/07/98

Injection Volume: 1.0(uL)

Dilution Factor: 5.0

GPC Cleanup: (Y/N) N pH: _____

Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	UG/KG	
12674-11-2-----	Aroclor-1016	500	U	
11104-28-2-----	Aroclor-1221	500	U	
11141-16-5-----	Aroclor-1232	500	U	
53469-21-9-----	Aroclor-1242	500	U	
12672-29-6-----	Aroclor-1248	500	U	
11097-69-1-----	Aroclor-1254	1000	U	
11096-82-5-----	Aroclor-1260	1000	U	UJ

1D
SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDDD-015

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDDD001

Matrix: (soil/water) SOIL

Lab Sample ID: L10486-015

Sample wt/vol: 30.1 (g/mL) G

Lab File ID: PA050698_030.D

% Moisture: 27 decanted: (Y/N) N

Date Received: 04/24/98

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 04/28/98

Concentrated Extract Volume: 10000(uL)

Date Analyzed: 05/07/98

Injection Volume: 1.0(uL)

Dilution Factor: 5.0

GPC Cleanup: (Y/N) N pH: _____

Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	UG/KG Q
12674-11-2-----	Aroclor-1016	550	U
11104-28-2-----	Aroclor-1221	550	U
11141-16-5-----	Aroclor-1232	550	U
53469-21-9-----	Aroclor-1242	550	U
12672-29-6-----	Aroclor-1248	550	U
11097-69-1-----	Aroclor-1254	1100	U
11096-82-5-----	Aroclor-1260	1100	U

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SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDDD-016

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDDD001

Matrix: (soil/water) SOIL

Lab Sample ID: L10486-016

Sample wt/vol: 30.1 (g/mL) G

Lab File ID: PA050798_018.D

% Moisture: 21 decanted: (Y/N) N

Date Received: 04/24/98

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 04/28/98

Concentrated Extract Volume: 10000(uL)

Date Analyzed: 05/08/98

Injection Volume: 1.0(uL)

Dilution Factor: 20.0

GPC Cleanup: (Y/N) N pH: _____

Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG Q		
12674-11-2-----	Aroclor-1016	2000	U	
11104-28-2-----	Aroclor-1221	2000	U	
11141-16-5-----	Aroclor-1232	2000	U	
53469-21-9-----	Aroclor-1242	2000	U	
12672-29-6-----	Aroclor-1248	2000	U	
11097-69-1-----	Aroclor-1254	4000	U	
11096-82-5-----	Aroclor-1260	4000	U	VJ

1D
SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDDD-017

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDDD001

Matrix: (soil/water) SOIL

Lab Sample ID: L10486-017

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: PA050698_034.D

% Moisture: 24 decanted: (Y/N) N

Date Received: 04/24/98

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 04/28/98

Concentrated Extract Volume: 10000(uL)

Date Analyzed: 05/07/98

Injection Volume: 1.0(uL)

Dilution Factor: 5.0

GPC Cleanup: (Y/N) N pH: _____

Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	UG/KG Q
12674-11-2-----	Aroclor-1016	530	U
11104-28-2-----	Aroclor-1221	530	U
11141-16-5-----	Aroclor-1232	530	U
53469-21-9-----	Aroclor-1242	530	U
12672-29-6-----	Aroclor-1248	530	U
11097-69-1-----	Aroclor-1254	1000	U
11096-82-5-----	Aroclor-1260	1000	U

1D
SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDDD-018

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDDD001

Matrix: (soil/water) SOIL Lab Sample ID: L10486-018

Sample wt/vol: 30.1 (g/mL) G Lab File ID: PA050698_035.D

% Moisture: 26 decanted: (Y/N) N Date Received: 04/24/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/28/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 05/07/98

Injection Volume: 1.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG Q		
12674-11-2-----	Aroclor-1016	540	U	
11104-28-2-----	Aroclor-1221	540	U	
11141-16-5-----	Aroclor-1232	540	U	
53469-21-9-----	Aroclor-1242	540	U	
12672-29-6-----	Aroclor-1248	540	U	
11097-69-1-----	Aroclor-1254	1100	U	
11096-82-5-----	Aroclor-1260	1100	U	VJ

1D
SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDDD-019

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDDD001

Matrix: (soil/water) SOIL Lab Sample ID: L10486-019

Sample wt/vol: 30.0 (g/mL) G Lab File ID: PA050798_021.D

% Moisture: 22 decanted: (Y/N) N Date Received: 04/24/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/28/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 05/08/98

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	UG/KG	Q
---------	----------	---	-------	---

12674-11-2-----	Aroclor-1016	100	U
11104-28-2-----	Aroclor-1221	100	U
11141-16-5-----	Aroclor-1232	100	U
53469-21-9-----	Aroclor-1242	100	U
12672-29-6-----	Aroclor-1248	100	U
11097-69-1-----	Aroclor-1254	1400	
11096-82-5-----	Aroclor-1260	200	U

1D
SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDDD-020

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDDD001

Matrix: (soil/water) SOIL Lab Sample ID: L10486-020

Sample wt/vol: 30.1 (g/mL) G Lab File ID: PA050798_022.D

% Moisture: 24 decanted: (Y/N) N Date Received: 04/24/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/28/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 05/08/98

Injection Volume: 1.0(uL) Dilution Factor: 20.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG Q		
12674-11-2-----	Aroclor-1016		2100	U
11104-28-2-----	Aroclor-1221		2100	U
11141-16-5-----	Aroclor-1232		2100	U
53469-21-9-----	Aroclor-1242		2100	U
12672-29-6-----	Aroclor-1248		2100	U
11097-69-1-----	Aroclor-1254		4200	U
11096-82-5-----	Aroclor-1260		4200	U

UJ

1D
SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDEE-001

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDEE001

Matrix: (soil/water) SOIL

Lab Sample ID: L10488-001

Sample wt/vol: 30.2 (g/mL) G

Lab File ID: PB050798_001.D

% Moisture: 20 decanted: (Y/N) N

Date Received: 04/24/98

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 04/28/98

Concentrated Extract Volume: 10000(uL)

Date Analyzed: 05/07/98

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2-----	Aroclor-1016	99	U
11104-28-2-----	Aroclor-1221	99	U
11141-16-5-----	Aroclor-1232	99	U
53469-21-9-----	Aroclor-1242	99	U
12672-29-6-----	Aroclor-1248	99	U
11097-69-1-----	Aroclor-1254	200	U
11096-82-5-----	Aroclor-1260	200	U

1D
SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

CDEE-002

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDEE001

Matrix: (soil/water) SOIL Lab Sample ID: L10488-002

Sample wt/vol: 30.1 (g/mL) G Lab File ID: PB050798_002.D

% Moisture: 12 decanted: (Y/N) N Date Received: 04/24/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/28/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 05/07/98

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Q

12674-11-2-----Aroclor-1016	91	U
11104-28-2-----Aroclor-1221	91	U
11141-16-5-----Aroclor-1232	91	U
53469-21-9-----Aroclor-1242	91	U
12672-29-6-----Aroclor-1248	91	U
11097-69-1-----Aroclor-1254	180	U
11096-82-5-----Aroclor-1260	180	U

1D
SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

CDEE-003

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDEE001

Matrix: (soil/water) SOIL Lab Sample ID: L10488-003

Sample wt/vol: 30.0 (g/mL) G Lab File ID: PB050798_003.D

% Moisture: 16 decanted: (Y/N) N Date Received: 04/24/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/28/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 05/07/98

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Q

CAS NO.	COMPOUND			
12674-11-2-----	Aroclor-1016		95	U
11104-28-2-----	Aroclor-1221		95	U
11141-16-5-----	Aroclor-1232		95	U
53469-21-9-----	Aroclor-1242		95	U
12672-29-6-----	Aroclor-1248		95	U
11097-69-1-----	Aroclor-1254		190	U
11096-82-5-----	Aroclor-1260		190	U

1D
SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

CDEE-004

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDEE001

Matrix: (soil/water) SOIL Lab Sample ID: L10488-004

Sample wt/vol: 30.0 (g/mL) G Lab File ID: PB050798_004.D

% Moisture: 17 decanted: (Y/N) N Date Received: 04/24/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/28/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 05/07/98

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	UG/KG	Q
---------	----------	---	-------	---

12674-11-2-----	Aroclor-1016	96	U
11104-28-2-----	Aroclor-1221	96	U
11141-16-5-----	Aroclor-1232	96	U
53469-21-9-----	Aroclor-1242	96	U
12672-29-6-----	Aroclor-1248	96	U
11097-69-1-----	Aroclor-1254	190	U
11096-82-5-----	Aroclor-1260	190	U

1D
SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

CDEE-005

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDEE001

Matrix: (soil/water) SOIL Lab Sample ID: L10488-005

Sample wt/vol: 30.0 (g/mL) G Lab File ID: PB050798_005.D

% Moisture: 15 decanted: (Y/N) N Date Received: 04/24/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/28/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 05/07/98

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	UG/KG	Q
12674-11-2-----	Aroclor-1016	94		U
11104-28-2-----	Aroclor-1221	94		U
11141-16-5-----	Aroclor-1232	94		U
53469-21-9-----	Aroclor-1242	94		U
12672-29-6-----	Aroclor-1248	94		U
11097-69-1-----	Aroclor-1254	190		U
11096-82-5-----	Aroclor-1260	190		U

1D
SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

CDEE-006

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDEE001

Matrix: (soil/water) SOIL Lab Sample ID: L10488-006

Sample wt/vol: 30.0 (g/mL) G Lab File ID: PB050798_006.D

% Moisture: 22 decanted: (Y/N) N Date Received: 04/24/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/28/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 05/07/98

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	UG/KG	Q
12674-11-2-----	Aroclor-1016	100		U
11104-28-2-----	Aroclor-1221	100		U
11141-16-5-----	Aroclor-1232	100		U
53469-21-9-----	Aroclor-1242	100		U
12672-29-6-----	Aroclor-1248	100		U
11097-69-1-----	Aroclor-1254	830		
11096-82-5-----	Aroclor-1260	200		U

1D
SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

CDEE-007

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDEE001

Matrix: (soil/water) SOIL

Lab Sample ID: L10488-007

Sample wt/vol: 30.1 (g/mL) G

Lab File ID: PB050798_007.D

% Moisture: 39 decanted: (Y/N) N

Date Received: 04/24/98

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 04/28/98

Concentrated Extract Volume: 10000(uL)

Date Analyzed: 05/07/98

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	UG/KG	Q
12674-11-2-----	Aroclor-1016			
11104-28-2-----	Aroclor-1221	130		U
11141-16-5-----	Aroclor-1232	130		U
53469-21-9-----	Aroclor-1242	130		U
12672-29-6-----	Aroclor-1248	130		U
11097-69-1-----	Aroclor-1254	130		U
11096-82-5-----	Aroclor-1260	1500		
		260		U

1D
SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDEE-008

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDEE001

Matrix: (soil/water) SOIL Lab Sample ID: L10488-008

Sample wt/vol: 30.2 (g/mL) G Lab File ID: PB050798_008.D

% Moisture: 24 decanted: (Y/N) N Date Received: 04/24/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/28/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 05/07/98

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	UG/KG	Q
12674-11-2-----	Aroclor-1016	100		U
11104-28-2-----	Aroclor-1221	100		U
11141-16-5-----	Aroclor-1232	100		U
53469-21-9-----	Aroclor-1242	100		U
12672-29-6-----	Aroclor-1248	100		U
11097-69-1-----	Aroclor-1254	1300		
11096-82-5-----	Aroclor-1260	210		U

1D
SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

CDEE-009

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDEE001

Matrix: (soil/water) SOIL

Lab Sample ID: L10488-009

Sample wt/vol: 30.2 (g/mL) G

Lab File ID: PB050698_013.D

% Moisture: 21 decanted: (Y/N) N

Date Received: 04/24/98

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 04/28/98

Concentrated Extract Volume: 10000(uL)

Date Analyzed: 05/06/98

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	UG/KG	Q
12674-11-2-----	Aroclor-1016			
11104-28-2-----	Aroclor-1221	100	U	
11141-16-5-----	Aroclor-1232	100	U	
53469-21-9-----	Aroclor-1242	100	U	
12672-29-6-----	Aroclor-1248	100	U	
11097-69-1-----	Aroclor-1254	100	U	
11096-82-5-----	Aroclor-1260	1100	U	J
		200		

1D
SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

CDEE-010

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDEE001

Matrix: (soil/water) SOIL Lab Sample ID: L10488-010

Sample wt/vol: 30.1 (g/mL) G Lab File ID: PB050798_009.D

% Moisture: 16 decanted: (Y/N) N Date Received: 04/24/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/28/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 05/07/98

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	UG/KG	Q
12674-11-2-----	Aroclor-1016	95		U
11104-28-2-----	Aroclor-1221	95		U
11141-16-5-----	Aroclor-1232	95		U
53469-21-9-----	Aroclor-1242	95		U
12672-29-6-----	Aroclor-1248	95		U
11097-69-1-----	Aroclor-1254	190		U
11096-82-5-----	Aroclor-1260	190		U

1D
SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDEE-011

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDEE001

Matrix: (soil/water) SOIL Lab Sample ID: L10488-011

Sample wt/vol: 30.2 (g/mL) G Lab File ID: PB050798_010.D

% Moisture: (52) decanted: (Y/N) N Date Received: 04/24/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/28/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 05/07/98

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Q

CAS NO.	COMPOUND				
12674-11-2-----	Aroclor-1016		160	U	U
11104-28-2-----	Aroclor-1221		160	U	
11141-16-5-----	Aroclor-1232		160	U	
53469-21-9-----	Aroclor-1242		160	U	
12672-29-6-----	Aroclor-1248		160	U	
11097-69-1-----	Aroclor-1254		330	U	
11096-82-5-----	Aroclor-1260		330	U	

High level of % moisture

CLIENT SAMPLE NO.

1D

SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CDEE-012

INDUSTRIAL & ENVIRONMENTAL ANALYSTS

IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDEE001

(soil/water) SOIL

Lab Sample ID: L10488-012

t/vol: 30.0 (g/mL) G

Lab File ID: PB050798_013.D

re: 18 decanted: (Y/N) N

Date Received: 04/24/98

on: (SepF/Cont/Sonc) SONC

Date Extracted: 04/28/98

ated Extract Volume: 10000(uL)

Date Analyzed: 05/07/98

n Volume: 1.0(uL)

Dilution Factor: 1.0

anup: (Y/N) N pH: _____

Sulfur Cleanup: (Y/N) N

CAS NO. COMPOUND CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG Q

12674-11-2-----	Aroclor-1016	98	U
11104-28-2-----	Aroclor-1221	98	U
11141-16-5-----	Aroclor-1232	98	U
53469-21-9-----	Aroclor-1242	98	U
12672-29-6-----	Aroclor-1248	200	U
11097-69-1-----	Aroclor-1254	200	U
11096-82-5-----	Aroclor-1260		

1D
SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

CDEE-013

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDEE001

Matrix: (soil/water) SOIL Lab Sample ID: L10488-013

Sample wt/vol: 30.2 (g/mL) G Lab File ID: PB050798_014.D

% Moisture: 17 decanted: (Y/N) N Date Received: 04/24/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/28/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 05/07/98

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	UG/KG	Q
12674-11-2-----	Aroclor-1016	96		U
11104-28-2-----	Aroclor-1221	96		U
11141-16-5-----	Aroclor-1232	96		U
53469-21-9-----	Aroclor-1242	96		U
12672-29-6-----	Aroclor-1248	96		U
11097-69-1-----	Aroclor-1254	96		U
11096-82-5-----	Aroclor-1260	330		J
		190		U

1D
SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDEE-014

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDEE001

Matrix: (soil/water) SOIL

Lab Sample ID: L10488-014

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: PB050698_020.D

% Moisture: 16 decanted: (Y/N) N

Date Received: 04/24/98

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 04/28/98

Concentrated Extract Volume: 10000(uL)

Date Analyzed: 05/06/98

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

Sulfur Cleanup: (Y/N) N

CAS NO.

COMPOUND

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Q

12674-11-2-----Aroclor-1016		95	U
11104-28-2-----Aroclor-1221		95	U
11141-16-5-----Aroclor-1232		95	U
53469-21-9-----Aroclor-1242		95	U
12672-29-6-----Aroclor-1248		95	U
11097-69-1-----Aroclor-1254		190	U
11096-82-5-----Aroclor-1260		190	U

1D
SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDEE-015

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDEE001

Matrix: (soil/water) SOIL Lab Sample ID: L10488-015

Sample wt/vol: 30.1 (g/mL) G Lab File ID: PB050798_015.D

% Moisture: 25 decanted: (Y/N) N Date Received: 04/24/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/28/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 05/07/98

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	UG/KG	Q
12674-11-2-----	Aroclor-1016	110	U	
11104-28-2-----	Aroclor-1221	110	U	
11141-16-5-----	Aroclor-1232	110	U	
53469-21-9-----	Aroclor-1242	110	U	
12672-29-6-----	Aroclor-1248	110	U	
11097-69-1-----	Aroclor-1254	210	U	
11096-82-5-----	Aroclor-1260	210	U	

1D
SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDEE-016

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDEE001

Matrix: (soil/water) SOIL

Lab Sample ID: L10488-016

Sample wt/vol: 30.1 (g/mL) G

Lab File ID: PB050798_016.D

% Moisture: 14 decanted: (Y/N) N

Date Received: 04/24/98

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 04/28/98

Concentrated Extract Volume: 10000(uL)

Date Analyzed: 05/07/98

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	UG/KG
12674-11-2-----	Aroclor-1016	93	U
11104-28-2-----	Aroclor-1221	93	U
11141-16-5-----	Aroclor-1232	93	U
53469-21-9-----	Aroclor-1242	93	U
12672-29-6-----	Aroclor-1248	93	U
11097-69-1-----	Aroclor-1254	180	U
11096-82-5-----	Aroclor-1260	180	U

1D
SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

CDEE-017

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDEE001

Matrix: (soil/water) SOIL Lab Sample ID: L10488-017

Sample wt/vol: 30.0 (g/mL) G Lab File ID: PB050798_017.D

% Moisture: 26 decanted: (Y/N) N Date Received: 04/24/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/28/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 05/07/98

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND			
12674-11-2-----	Aroclor-1016	110	U	
11104-28-2-----	Aroclor-1221	110	U	
11141-16-5-----	Aroclor-1232	110	U	
53469-21-9-----	Aroclor-1242	110	U	
12672-29-6-----	Aroclor-1248	110	U	
11097-69-1-----	Aroclor-1254	220	U	
11096-82-5-----	Aroclor-1260	220	U	

1D
SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

CDEE-018

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDEE001

Matrix: (soil/water) SOIL Lab Sample ID: L10488-018

Sample wt/vol: 30.0 (g/mL) G Lab File ID: PB050798_018.D

% Moisture: 26 decanted: (Y/N) N Date Received: 04/24/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/28/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 05/07/98

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	UG/KG
12674-11-2-----	Aroclor-1016	110	U
11104-28-2-----	Aroclor-1221	110	U
11141-16-5-----	Aroclor-1232	110	U
53469-21-9-----	Aroclor-1242	110	U
12672-29-6-----	Aroclor-1248	110	U
11097-69-1-----	Aroclor-1254	850	
11096-82-5-----	Aroclor-1260	220	U

1D
SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDEE-019

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDEE001

Matrix: (soil/water) SOIL Lab Sample ID: L10488-019

Sample wt/vol: 30.1 (g/mL) G Lab File ID: PB050798_019.D

% Moisture: 20 decanted: (Y/N) N Date Received: 04/24/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/28/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 05/07/98

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Q

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2-----	Aroclor-1016	100	U
11104-28-2-----	Aroclor-1221	100	U
11141-16-5-----	Aroclor-1232	100	U
53469-21-9-----	Aroclor-1242	100	U
12672-29-6-----	Aroclor-1248	100	U
11097-69-1-----	Aroclor-1254	510	
11096-82-5-----	Aroclor-1260	200	U

1D

CLIENT SAMPLE NO.

SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CDEE-020

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDEE001

Matrix: (soil/water) SOIL Lab Sample ID: L10488-020

Sample wt/vol: 30.0 (g/mL) G Lab File ID: PB050798_020.D

% Moisture: 19 decanted: (Y/N) N Date Received: 04/24/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/28/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 05/07/98

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	UG/KG	Q
12674-11-2-----	Aroclor-1016	99	U	
11104-28-2-----	Aroclor-1221	99	U	
11141-16-5-----	Aroclor-1232	99	U	
53469-21-9-----	Aroclor-1242	99	U	
12672-29-6-----	Aroclor-1248	99	U	
11097-69-1-----	Aroclor-1254	260		J
11096-82-5-----	Aroclor-1260	200	U	

1D
SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDEE-021

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDEE021

Matrix: (soil/water) SOIL

Lab Sample ID: L10489-001

Sample wt/vol: 30.2 (g/mL) G

Lab File ID: PB050898_004.D

% Moisture: 18 decanted: (Y/N) N

Date Received: 04/24/98

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 04/27/98

Concentrated Extract Volume: 10000(uL)

Date Analyzed: 05/08/98

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG Q		
		97	U	J
12674-11-2-----	Aroclor-1016	97	U	
11104-28-2-----	Aroclor-1221	97	U	
11141-16-5-----	Aroclor-1232	97	U	
53469-21-9-----	Aroclor-1242	97	U	
12672-29-6-----	Aroclor-1248	97	U	
11097-69-1-----	Aroclor-1254	540		
11096-82-5-----	Aroclor-1260	190	U	

1D
SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDEE-022

Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDEE021

Type: (soil/water) SOIL Lab Sample ID: L10489-002

Sample wt/vol: 30.1 (g/mL) G Lab File ID: PB050898_003.D

Temperature: 20 decanted: (Y/N) N Date Received: 04/24/98

Action: (SepF/Cont/Sonc) SONC Date Extracted: 04/27/98

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 05/08/98

Dilution Volume: 1.0 (uL) Dilution Factor: 1.0

Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CAS NO. COMPOUND CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG Q

12674-11-2-----	Aroclor-1016	100	U
11104-28-2-----	Aroclor-1221	100	U
11141-16-5-----	Aroclor-1232	100	U
53469-21-9-----	Aroclor-1242	100	U
12672-29-6-----	Aroclor-1248	200	U
11097-69-1-----	Aroclor-1254	200	U
11096-82-5-----	Aroclor-1260		

1D
SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDEE-023

INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Case No.: RFP#2523 Method: 8082 SDG No.: CDEE021

/water) SOIL

Lab Sample ID: L10489-003

: 30.0 (g/mL) G

Lab File ID: PB050898_005.D

2 decanted: (Y/N) N

Date Received: 04/24/98

(SepF/Cont/Sonc) SONC

Date Extracted: 04/27/98

Extract Volume: 10000(uL)

Date Analyzed: 05/08/98

Volume: 1.0(uL)

Dilution Factor: 1.0

(Y/N) N

pH: _____

Sulfur Cleanup: (Y/N) N

ID	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	UG/KG
-11-2-----	Aroclor-1016	100	U
-28-2-----	Aroclor-1221	100	U
-16-5-----	Aroclor-1232	100	U
-21-9-----	Aroclor-1242	100	U
-29-6-----	Aroclor-1248	100	U
-69-1-----	Aroclor-1254	300	U
-82-5-----	Aroclor-1260	200	U

1D
SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

CDEE-024

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDEE021
Matrix: (soil/water) SOIL Lab Sample ID: L10489-004
Sample wt/vol: 30.1 (g/mL) G Lab File ID: PB050798_036.D
% Moisture: 18 decanted: (Y/N) N Date Received: 04/24/98
Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/27/98
Concentrated Extract Volume: 10000(uL) Date Analyzed: 05/08/98
Injection Volume: 1.0(uL) Dilution Factor: 5.0
GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	UG/KG	Q
12674-11-2-----	Aroclor-1016	490		U
11104-28-2-----	Aroclor-1221	490		U
11141-16-5-----	Aroclor-1232	490		U
53469-21-9-----	Aroclor-1242	490		U
12672-29-6-----	Aroclor-1248	490		U
11097-69-1-----	Aroclor-1254	970		U
11096-82-5-----	Aroclor-1260	970		U

1D
SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDEE-025

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDEE021

Matrix: (soil/water) SOIL Lab Sample ID: L10489-005

Sample wt/vol: 30.0 (g/mL) G Lab File ID: PB050898_006.D

% Moisture: 20 decanted: (Y/N) N Date Received: 04/24/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/27/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 05/08/98

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:
CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

12674-11-2-----	Aroclor-1016		100	U
11104-28-2-----	Aroclor-1221		100	U
11141-16-5-----	Aroclor-1232		100	U
53469-21-9-----	Aroclor-1242		100	U
12672-29-6-----	Aroclor-1248		100	U
11097-69-1-----	Aroclor-1254		200	U
11096-82-5-----	Aroclor-1260		200	U

1D
SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

RB-4

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDEE021

Matrix: (soil/water) WATER Lab Sample ID: L10489-006

Sample wt/vol: 1000 (g/mL) ML Lab File ID: PB050598_005.D

% Moisture: _____ decanted: (Y/N) _____ Date Received: 04/24/98

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 04/28/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 05/05/98

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L Q

12674-11-2-----Aroclor-1016	0.50	U
11104-28-2-----Aroclor-1221	0.50	U
11141-16-5-----Aroclor-1232	0.50	U
53469-21-9-----Aroclor-1242	0.50	U
12672-29-6-----Aroclor-1248	0.50	U
11097-69-1-----Aroclor-1254	1.0	U
11096-82-5-----Aroclor-1260	1.0	U

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Appendix D

Support Documentation

2F
SW-846 SOIL PESTICIDE SURROGATE RECOVERY

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDCC001

GC Column(1): RTX-35 ID: 0.53 (mm)

	CLIENT SAMPLE NO.	TCX 1 %REC #	DCB 2 %REC #	TOT OUT
01	CDCC-001	72	99	0
02	CDCC-001MS	76	115	0
03	CDCC-001MSD	74	109	0
04	CDCC-002	59*	130	1
05	CDCC-003	67	210*	1
06	CDCC-004	67	202*	1
07	CDCC-005	68	162*	1
08	CDCC-006	72	157*	1
09	CDCC-007	60	119	0
10	CDCC-008	67	112	0
11	CDCC-010	55*	130	1
12	CDCC-015	69	155*	1
13	CDCC-016	88	115	0
14	CDCC-017	59*	111	0
15	CDCC-009	68	150	0
16	CDCC-013	69	348*	1
17	CDCC-014	69	123	0
18	CDCC-018	87	113	0
19	CDCC-011	69	120	0
20	CDCC-012	92	170*	1
21	LCS809	61	97	1
22	PB809	68	105	0
23				
24				
25				
26				
27				
28				
29				
30				

ADVISORY
QC LIMITS

TCX = Tetrachloro-m-xylene (60-150)
DCB = Decachlorobiphenyl (60-150)

Column to be used to flag recovery values
 * Values outside of QC limits
 D Surrogate diluted out

2F
SW-846 SOIL PESTICIDE SURROGATE RECOVERY

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDDD001

GC Column(1): RTX-35 ID: 0.53 (mm)

	CLIENT SAMPLE NO.	TCX 1 %REC #	DCB 2 %REC #	TOT OUT
01	CDDD-001	83	0D	0
02	CDDD-001MS	80	0D	0
03	CDDD-001MSD	89	0D	0
04	CDDD-002	79	89	0
05	CDDD-003	84	103	0
06	CDDD-004	0D	0D	0
07	CDDD-005	114	133	0
08	CDDD-006	92	111	0
09	CDDD-007	90	0D	0
10	CDDD-008	0D	0D	0
11	CDDD-009	74	100	0
12	CDDD-010	93	111	0
13	CDDD-011	0D	0D	0
14	CDDD-012	90	115	0
15	CDDD-013	94	133	0
16	CDDD-014	90	156*	1
17	CDDD-015	90	138	0
18	CDDD-016	0D	0D	0
19	CDDD-017	98	156*	1
20	CDDD-018	97	145	0
21	CDDD-019	94	147	0
22	CDDD-020	0D	0D	0
23	LCS811	80	86	0
24	PB811	75	82	0
25				
26				
27				
28				
29				
30				

ADVISORY
QC LIMITS

TCX = Tetrachloro-m-xylene (60-150)
DCB = Decachlorobiphenyl (60-150)

Column to be used to flag recovery values

* Values outside of QC limits

D Surrogate diluted out

2F
SW-846 SOIL PESTICIDE SURROGATE RECOVERY

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDEE001

	CLIENT SAMPLE NO.	TCX 1 %REC #	DCB 2 %REC #	TOT OUT
01	CDEE-001	98	151*	1
02	CDEE-002	100	124	0
03	CDEE-003	100	127	0
04	CDEE-004	28*	56*	2
05	CDEE-005	84	90	0
06	CDEE-006	94	119	0
07	CDEE-007	93	237*	1
08	CDEE-008	96	365*	1
09	CDEE-009	93	260*	1
10	CDEE-010	99	139	0
11	CDEE-011	77	92	0
12	CDEE-012	115	127	0
13	CDEE-013	96	204*	1
14	CDEE-014	88	117	0
15	CDEE-014MS	94	90	0
16	CDEE-014MSD	97	116	0
17	CDEE-015	98	90	0
18	CDEE-016	99	108	0
19	CDEE-017	74	202*	1
20	CDEE-018	99	143	0
21	CDEE-019	96	116	0
22	CDEE-020	99	112	0
23	LCS812	102	92	0
24	PB812	100	50*	1
25				
26				
27				
28				
29				
30				

ADVISORY
QC LIMITS

TCX = Tetrachloro-m-xylene (60-150)
DCB = Decachlorobiphenyl (60-150)

Column to be used to flag recovery values
* Values outside of QC limits
D Surrogate diluted out

3 001

2F
SW-846 SOIL PESTICIDE SURROGATE RECOVERY

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDEE021

GC Column(1): RTX-35 ID: 0.53 (mm)

	CLIENT SAMPLE NO.	TCX 1 %REC #	DCB 2 %REC #	TOT OUT
01	CDEE-021	102	147	0
02	CDEE-022	104	118	0
03	CDEE-022MS	90	121	0
04	CDEE-022MSD	97	107	0
05	CDEE-023	100	126	0
06	CDEE-024	87	83	0
07	CDEE-025	101	113	0
08	LCS810	105	104	0
09	PB810	105	97	0
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				

ADVISORY
QC LIMITS

TCX = Tetrachloro-m-xylene (60-150)

DCB = Decachlorobiphenyl (60-150)

Column to be used to flag recovery values

* Values outside of QC limits

D Surrogate diluted out

^{2E}
SW -846 WATER PESTICIDE SURROGATE RECOVERY

Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDEE021

Column(1): RTX-35 ID: 0.53 (mm)

CLIENT SAMPLE NO.	TCX 1 %REC #	DCB 2 %REC #	TOT OUT
01 PB814	92	100	0
02 RB-4	105	97	0
03			
04			
05			
06			
07			
08			
09			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			
21			
22			
23			
24			
25			
26			
27			
28			
29			
30			

ADVISORY
QC LIMITS

TCX = Tetrachloro-m-xylene (60-150)
DCB = Decachlorobiphenyl (60-150)

Column to be used to flag recovery values
* Values outside of QC limits
D Surrogate diluted out

SW-846 SOIL PESTICIDE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDCC001

Matrix Spike - Client Sample No.: CDCC-001

Matrix Spike Recovery

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC. LIMITS REC.
Aroclor-1254	430	940	1300	84	8-127

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	QC LIMITS REC.
Aroclor-1254	430	1300	84	8-127

Column to be used to flag recovery values with an asterisk

* Values outside of QC limits

Spike Recovery: 0 out of 2 outside limits

COMMENTS:

3F
SW-846 SOIL PESTICIDE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDDD001

Matrix Spike - Client Sample No.: CDDD-001

Matrix Spike Recovery

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC. LIMITS REC.
Aroclor-1260	440	0.0	0.0	0*	8-127

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	QC LIMITS REC.
Aroclor-1260	440	0.0	0*	8-127

Column to be used to flag recovery values with an asterisk

* Values outside of QC limits

Spike Recovery: 2 out of 2 outside limits

COMMENTS:

3F
SW-846 SOIL PESTICIDE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDEE001

Matrix Spike - Client Sample No.: CDEE-014

Matrix Spike Recovery

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC. LIMITS REC.
Aroclor-1254	400	0.0	0.0	0*	8-127

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	QC LIMITS REC.
Aroclor-1254	400	0.0	0*	8-127

Column to be used to flag recovery values with an asterisk

* Values outside of QC limits

Spike Recovery: 2 out of 2 outside limits

COMMENTS:

3 003

3F
SW-846 SOIL PESTICIDE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDEE021

Matrix Spike - Client Sample No.: CDEE-022

Matrix Spike Recovery

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC. LIMITS REC.
Aroclor-1254	420	0.0	0.0	0*	8-127

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	QC LIMITS REC.
Aroclor-1254	420	0.0	0*	8-127

Column to be used to flag recovery values with an asterisk

* Values outside of QC limits

Spike Recovery: 2 out of 2 outside limits

COMMENTS:

IEA Pesticide Standard Report

Sample Name : AR1221C/P0C98-05 Inj on 0111 07May1998
Result File : /RESULT/PB050698_025.RES INSTRUMENT : HP5890PB
Column Type : RTX-35 30-Meter, 0.53mm ID Inj. Vol. : 1 uL

FORM RESPS Rev. 030994

2:411
2:650
2:924
3.400

349 ଶକ୍ତିପୁରୁଷ
4. 56601
- 5. 005237

15:33今

Please rebab this chromatogr.

SDG # C D E E 001

Page 204

TOC	Lloyd-Kahn	2,100 mg/kg	34500	N/A	04/30/98	PW
Parameter	Method	Limits	Results	Prepared	Analyzed	Analyst
	Date	Date				
20.504	Quantitation					
22.377	Clinent Name:	Research Triangle Institute	Date Received:	04/17/98*	Dry Weight:	N/A
103-96353	TIA Sample #:	L10433-027	Matrix:	Soil	Sample I.D.:	Q6M0701G
	Client Proj. I.D.:	96353	Date Sampled:	09/07/97		

American Environmental Network (AEN)

6F
PESTICIDE INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDCC001

Instrument ID: HP5890PA

Date(s) Analyzed: 05/05/98

GC Column: RTX-35 ID: 0.53 (mm)

COMPOUND	AMOUNT (ng)	LVL	CALIBRATION FACTOR
AR1260	0.25	1	13073708
	0.50	2	12842422
	1.0	3	12095685
	2.0	4	11816607
	4.0	5	11127333
AVERAGE			12191151

↓ area/conc. does not
match the chro

FORM VI PEST-3

3/90

This is a copy of
analysis performed on 10-6-20

The correct response factors
for May 5, 1998 was
found on SDG # CDCC-001

6F
PESTICIDE INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDCC001

Instrument ID: HP5890PA

Date(s) Analyzed: 10/06/97

GC Column: RTX-35 ID: 0.53 (mm)

COMPOUND	AMOUNT (ng)	LVL	CALIBRATION FACTOR
AR1260	0.25	1	13073708
	0.50	2	12842422
	1.0	3	12095685
	2.0	4	11816607
	4.0	5	11127333
AVERAGE			12191151

3/90

FORM VI PEST-3

6F
PESTICIDE INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDDD001

Instrument ID: HP5890PA Date(s) Analyzed: 05/05/98

GC Column: RTX-35 ID: 0.53 (mm)

COMPOUND	AMOUNT (ng)	LVL	CALIBRATION FACTOR
AR1260	0.25	1	15638396
	0.50	2	15506938
	1.0	3	14014148
	2.0	4	12991012
	4.0	5	12088552
AVERAGE			14047809

FORM VI PEST-3

3/90



END OF DATA PACKAGE